

)ISCOVERIES- Working at the Hopewell Furnace dig on Yellow Creek is a student ssistant of YSU's Dr. John White, sociology and anthropology, who is directing the project. The student is digging around a small metal rod whose purpose has not yet been determined.

Photo by Robert Ramsey

## Hopewell dig offers experience, chance for community effort oldest iron works on the Western

Hardees will provide food in snack bar

Hardees Food Systems will take over operation of Kilcawley Center's snack bar this fall, succeeding Servomation, according to Kilcawley Center Kirector Phil Hirsch.

Hirsch also said Broughton Sarel-food-outlets in Kucawiey Center and will handle concession stands and do catering for YSU events, an operation presently handled also by Servomation.

Hardees, which Hirsch terms a "fast food" service, has agreed to provide Kilcawley Center with 10 per cent of its gross sales, compared with 6 per cent provided by Servomation.

Hardees agreed to experiment with the number of hours it stays open. Hirsch said he would like to see them try to stay open until 10 p.m. on Mondays and in front of the furnace revealing various levels of different sized rocks deposited there during eras of soil erosion. A pattern of strings crosses this portion of the site to show the relationship of any unearthed findings. White says, "Archaeology is a game of relating finds to a bigger picture, enable the site to get future You leave them in context and that tells you how they were used." As excavation continues, more of the brick and stone furnace is being exposed. Layers of earth of various colors and composition are systematically removed. Each of these layers represents a separate time factor. Recently, the group unearthed some numbered briquettes, shaped like dog biscuits. White connected them with the construction of a nearby dam in 1900. This enabled them to date some layers of soil erosion.

Wednesdays to take advantage of the large crowds in the Pub on those nights. He would also like to see them open for some hours on Saturdays.

The Hardees regular menu contains 18 items and the Inche with Seven Items, this explained that the Center did not seek an expanded menu for the snack bar, since the cafeteria in the next room will have a more varied menu.

Kilcawley Center and Hardees have not yet determined how the serving system will be arranged. The snack bar is presently using a cafeteria style, but a smaller menu might make a counter style; like that used by the nearby Burger King and Red Barn, more efficient, according to Hirsch.

(Cont. on page 3)

and money.

The problem with the furnace site, however, will be protecting it from the elements after it is unearthed, he adds.

White anticipates the project. will soon be named a natural historic landmark. This will federal funding in amounts to match local contributions. The YSU Graduate Research Council is presently financing the project. Excavation of the furnace began June 16, and will continue at least four more weeks. If significant artifacts are unearthed in that period, White says he will expand the dig next summer.

by Carol Taylor

Reserve. After a month the location of the furnace since about 1900. In fact, White was first directed to the site by children playing in the area. But interest in the furnace remained casual until White began excavations as a Bicentennial project.

YSU students and recent graduates are also members of the Local residents have known excavation team. They act as teaching assistants and keep a close eye on details, so White can be available to supervise.

of excavation at a local historical site. Dr. John White, assistant professor of sociology and anthropology, and his assistants, find themselves up to their ears in dirt and discoveries. "There's more to do than I thought," said White. "Everyday the job gets bigger."

The "job" is excavation of the old Hopewell Furnace, founded about 1802, on Yellow Creek between Poland and Struthers. According to White, it was active for about 10 years as a production center for kettles, stoves, and other items. The furnace is important historically because it marks the beginning of the steel industry in the Youngstown, area, and is also the

To help him with the project, White enlisted students from Struthers High School in cooperation with the Struthers. Total Environmental Education Program (STEEP). The program is the only archaeology course in the U.S. offering full high school credit. White adds that it is a "learn by doing" course and he lauds the students' progress. "Some of these kids I'd take on any dig", he says.

"This has been a real community project," says White, "the kind you're supposed to have. Everyone participates." He notes that Lykes Youngstown Corporation supplies wheelbarrows, film for photographing progress, and general promotional support. The Ohio Water Department allows the team free access to the premises through their property and provides a safe storage area for equipment. Local Boy Scouts , have helped by clearing the land of rocks.

The excavation team has already removed mounds of earth

White prefers to leave the area as a permanent ruin and preserve it in its natural state. He says reconstruction is a waste of time

A YSU faculty member since 1971, White received his Master of Arts and Doctoral degrees from the University of Oregon, specializing in North American archeology.

He plans further local excavations, including the well in Canfield Square, the Mahoning River Locks, and the Austintown Log Cabin.

# Botannical fern garden is dream of YSU biology professor Chuey

Editor's note: Below is part of a continuing series of articles concocted by YSU faculty. by Gina DiBlasio

"It would just add another star to YSU's crown of stars," said Dr. traditional greenhouse. Carl; Chuey, biology, when describing his dream to construct wing could be added every year a botannical garden the size of two football fields placed side by side, here at YSU.

botannical garden would be used exclusively for the study of ferns. He added "There are over equipment, could be operated on 9,000 species of ferns in the \$20,000 yearly, which should not world which we could grow both be too expensive." indoors and outdoors."

Chuey said that the garden would consist of one central greenhouse and various surrounding wings. He added that "in this way each wing could be controlled seperately to grow various ferns in various climates." He remarked that he would prefer to construct a \$700,000 modern greenhouse rather than the costlier \$1,200,000 traditional type of project.

Chuey noted several of the heating costs would be cut, since faculty to do research work. He 

EACH

energy, would be used instead of glass." He said another advantage devoted to dream projects would be that it would only take two people to construct a modern unit opposed to a crew which would be necessary for building a

Chuey added that a greenhouse instead of constructing the entire project at once, which would be a tremendous financial relief, and Chuey explained that the that "Once in operation, the entire garden, including personnel, student help, and

> He explained that having such a large botannical garden would "make it the center for fern study in the world." Chuey added that the botannical garden would be a source center for various species, and that "An exchange program to acquire various species of fern has already been tentively set up with the University of Guelph, in Guelph, Canada."

Besides serving as a breeding center for endangered species of a fern, Chuey noted that the garden advantages to operating a modern would also serve as a place for greenhouse. "For one thing, undergraduates, graduates and thermopane, which captures solar added that the University library 66666666666

is well- equipped to support such. a project and the research work which would be done there.

Chuey commented that the gardens "would be open to the public, because while most other universities have something like this open to the public, we don't."

Among the problems which confront Chuey's dream is a location for his project and financial backing. 'I don't even know if there's a spot on campus to put it," he said. "Financially, one foundation has tenatively said that it will give \$50,000 toward the project, but additional funds will have to be raised through fund-raising events and we're hoping for donations from YSU alumnus and from other foundations."

Chucy added that once the project was completed YSU would have to "maintain the garden and provide the operating budget each year."

It is not certain how close Chuey's dream is to becoming a reality, but he speaks optimistically, "We have over 100 species of fern growing now, which is a drop in the bucket compared to a possible 9,000 species, but it is a beginning."

CAMPUS **CALENDAR** 

Wednesday; July 23 Kilcawley Center 8 a.m.-5 p.m., Continuing Education and Secretarial Studies Shorthand Workshop, Room 236 8:30 a.m.-5:30 p.m., Student Development summer orientation Room 2, 6; 217 9 a.m.-noon, Medical School CPR class, Cafeteria 9:30-11 a.m., Kilcawley Center interviews, Room 220 10:10 a.m.-1:30 p.m., Group Counseling class, Room 238 12-2 p.m., IVCF meeting, Room 253 1-2:30 p.m. KC interviews, Room 238 -2-3 p.m. Student Affairs staff meeting, Room 238 3-4:30 p.m. KC interviews, Room 220 Ward Beecher 8-9 p.m., Astronomy department showing: "Stonehenge and Beyond" Planetarium Library 7:30-10 p.m., Student Development meeting, Audio-Visual Room Lincoln 8:30-6 p.m. Student Development summer orientation, Room 211, 406 Thursday, July 24 Kilcawley Center 8 a.m.-1 p.m. Department of Continuing Education: Pension Reform Laws Seminar, Room 216-217 9 a.m.-5:30 p.m., Stud. Dev. summer orientation, Room 239-240 9:30-11 a.m., KC interviews Room238 12-2 p.m., IVCF meeting, Room 253 1-2:30 p.m., KC interviews, Room 238 1-2:30 p.m., Committee on Continuing Education meeting, Room 220 3-4:30 p.m., KC interviews, Room 238 Jones Hall 8 a.m.-noon, Drama Department production: "Bus Stop", Strauss Auditorium Lincoln Project 8 a.m.-8 p.m., School of Business Registration, Room 103 8:30 a.m.-6 p.m., Homécoming Committee meeting, Room 203 8:30 a.m.-6 p.m., Stud. Develop. summer orientation, Room 211, 406 8-9:30 p.m., Homecoming Committee meeting, Room 203 ungineering and Science 8 a.m.-1 p.m., Department of Continuing Education: Youngstown Area Chamber of Commerce, Schwebel Auditorium 7-10 p.m., Dept. of Cont. Educ. Consumer Affairs Office, Schwebel Aud. Friday, July 25 Kilcawley Center 9 a.m.-5:30 p.m., Stud. Devel. summer project, Room 239;240 9:30-11 a.m., KC interviews, Room 238 12-2 p.m., IVCF meeting, Room 253 1-2:30 p.m., KC interviews, Room 238 2-4 p.m., Education Department Task Force Committee, Room 216 3-4:30 p.m., KC interviews, Room 238 Jones Hall 8 a.m.-noon, Drama Department Production: "Bus Stop", Strauss Auditorjum Lincoln Project 8:30 a.m.-6 p.m., Stud. Develop. summer orientation, Room 211, 406 Kilcawley Closed Saturday and Sunday. Sunday, July 26 Jones Hall 8 a.m.-noon, Drama Dept. construction, Strouss Autitorium Monday, July 28

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Kilcawley Center

9 a.m.-6:30 p.m., Stud. Devel. summer orientation, Rooms 239, 240 12-noon, IVCF meeting, Room 253

Lincoln Proiect

8:30 a.m.-6 p.m., Stud. Devel. summer orientation, Rooms 406, 211

Tuesday, July 29

Kilcawley Center 7:30-9 a.m., Community Forum breakfast, Room 220 9 a.m.-6:30 p.m., Stud. Devel. summer orientation, Rooms 240, 239 10 a.m.-noon, University Relations Advisory Committee Meeting, Room 216 12-2 p.m., IVCF meeting, Room 253

#### Engineering and Science

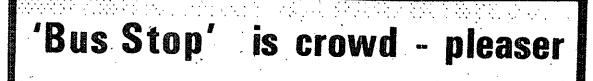
11 a.m.-3 p.m., English Department: Test for Incoming Freshman, Schwebel Aud.

6:30-8:30 p.m., English Department: Test for Incoming Freshman, Schwebel Aud.

Lincoln Project

8:30 a.m.-6 p.m., Stud. Develop. summer orientation, Rooms 211, 406

Tussaay, July 22, 1910



#### by Joe Zabel

demonstration of the importance of the audience in the success of a

performance than during experiences, but nothing could Spotlight Theatre's production beat the exhiliration of being part. last Thursday night of William Rarely have we seen a better Inge's comedy, Bus Stop. The acting, the direction, t and the staging were all very rewarding

of a very satisfied audience, and that's what kind of audience it was.

Letters

PLAYS:

## Lauds Shutrump, Shipka diligence

fo the Editor of. The Jambar:

I am writing this letter in response to your article and editorial of 07-09-75 in regard to attendance of university trustees at Board meetings over the past Here months.

There is always an inherent langer in looking at any set of numbers and drawing conclusions rom them. Hopefully, this letter an clarify some of the points /ou alluded to in the article.

As you should know, there are standing committees of the Board---budget and finance, wilding, personnel relations, and tudent affairs. These committees neet as the need arises---for xample, the personnel relations ommittee met several times over he winter and spring because of ollective bargaining with the (SU-OEA chapter. The budget nd finance committee had some ong, time-consuming sessions The the presentation of the Jniversity budget at the June neeting of the Board of Trustees. In addition to these standing

committees, I appointed two ad 10c committees during the past year: by-laws and regulations which had the monumental task of catagorizing and updating board resolutions and University policies, and an insurance committee charged with the reposnsibility of investigating our complex insurance programs for the benefit of the entire university community.

I think it only fair to point out that Mr. Fred Shutrump, Jr. has served as a member of both ad hoc committees in addition to his responsibilities as a member of the personnel relations and building committees. If my memory serves me correctly, Mr. Shutrump rarely, if ever, missed a committee meeting to which he was called.

Prior to Mr. Al Shipka's illness. late this spring, he set a fine example in his loyal attendance at both committee and board meetings. We look forward to Mr. Shipka's return to good health and resumed activity in the very near future.

During my first term as chairman (the chairman serves ex officio as a member of every how important each and every trustee is to the Board and I amproud to be associated with my fellow trustees.

When I was appointed by former Governor Gilligan to serve as a trustee, I honestly thought that I was being appointed to a most distinguished board. It is a most distinguished board, but it is primarily a hard-working, dedicated board of public-minded citizens who give a tremendous amount of their time and expertise with no compensation in return---certainly no salary and, very rarely, even a "thank you." Ann Isroff

> Chairman, Board of Trustees Youngstown State University

Spotlight gave everybody much to be satisfied with. The play itself was the basis of one of Marilyn Monroe's greatest motion pictures, but its original text contains more characters and some meaty subplots not used in the movie. The focus of the play is a teenage bus stop waitress,

Elma Duckworth, whose naive view of sex is altered by the many things that occur during a night when a varied group of travelers at the bus stop where she works.

As Elma, Brenda Koker gives the part a saccarine politeness which eliminates any pretentious sentimentality from her all-encompassing; naivite. We automatically look for flaws in her superficially polished demeaner, and the scenes in which we find them are among the funniest in the show. Koker's acting is particularly brilliant when she recites a scene from Shakespeare, desperately straining to remember the lines and pronounce every word correctly.

Most of the play deals with the strange courtship of rancher Bo Decker (Eugene Moretti) and a dancer named Cherie (Jude Lawrence). Though this part of Monroe fans, Spotlight veterans Moretti and Lawrence provide fresh interpretations. Moretti is particularly good at adding a dramatic (maybe cosmic pitch) to MOVIES:

Bo's personal crisis, the despair of discovering that Cherie might not love him.

The supporting players are also excellent. Alexandra Vansuch's Grace Hoylard has just the right touch of lewdness to make her off-stage bedplay with Carl (Chas Szabo) believable and appealing. Thomas Atwood's Will Masters commands all the respect the law officer's role requires, though his revelation of an earlier career as a horse thief is not played convincingly.

Chris Cipriano gives promises of a great future with Spotlight, though in the role of Bo's father-figure, Virgil Blessing he is miscast, being too young in appearance to be convincing. Cipriano looks like James Dean,

and performs with a masterful funderplaying, rare among Spotlight players.

If any of the actors is to be criticized, it is James Hubbard. This veteran Spotlight player does a competent job in the important role of Dr. Gerald Lyman, an aging professor who seduces young girls, but something is lacking from his performance. It's too mechanical, or maybe the vibrations aren't right. In any case, there are times when the viewer can hardly wait for him to finish his lines so someone else can start talking.

All in all, however, the play is delightful, and Spotlight fully does it juctice. The play will be shown again at 8:30 p.m. this Thursday, Friday and Saturday.



STRANDED-Junior theater major Jude Lawrence protrays a night club singer who is among travelers snowbound at a diner in Spotlight Theatre's production of William Inge's "Bus Stop."

Photo by University Relations

throughout the film he explores the subjects of love, death, and God, mostly through satirical monologues.

Allen, as the lead in the film, is his typically insecure self. Throughout the film he projects the idea that most of the fears he experiences are ones that he himself experienced as a child.

The other actors, especially Diane Keaton, have adapted themselves, not only to Allen's script, but to his style of acting.

To try and describe the film

Love and Death

### by Neil Yutkin

"Love and Death" is one hundred percent Woody Allen. For those of you who have not been fortunate enough to have experienced an Allen film, here is the formula: 33 per cent parody or satire; or in some cases, both; 33 per cent sight-gags and slapstick; and 34 per cent

not at all asinine. Allen can take any situation and reduce it to the absurd. (Reducio Ad Absurdum for you Latin and philosophy buffs).

Allen is one of only a few people to produce slapstick with good taste, and his use of sight-gags is without rival.

The parody and satire that run through-out the Allen films are real heart of the film, the however. In "Love and Death" he parodies "War and Peace";

## **Presley is King**

#### by Nancy Dove

Elvis Presley, age 40 and a bit overweight, is still the king of rock 'n roll.

Presley and his troupe of singers performed for sell-out crowds July 10 and July 18 at the Cleveland Coliseum.

The "Sweet Inspirations," "Voice" and a gospel group from Nashville presented the warm-up entertainment before the King made his appearance. The three groups, each entertaining in its own right, served as Presley back-up voices.,

A constant ash cube strobe light engulfed the Coliseum as

Elvis dazzled everyong with his songs, humor, and swivel hips.

Security guards made a hopeless effort to keep away from the stage girls who were trying to get close enough to touch Elvis. One girl who managed to get a kiss from him during "Love Me Tender" had to be helped back to her seat by a security guard because, she was too weak to make it on her own.

Elvis Presley is still a crowd-pleaser. There is no age limit to his followers. Men and women of all ages all over the country agree that Presley is King.

absurdity.

·But don't misunderstand. His absurdities are unique, light, and

## Hardees

## (Cont. from page 1)

Broughton has promised a 3% as compared with Servomation's present 6%, return to Kilcawley Center for its gross sales, at the downstairs cafeteria, the upstairs cafeteria, the catering services, and the concession stands it will set up during football games and concerts.

It will charge \$2.46 per student per day to serve the

. . . . . .

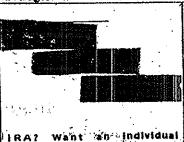
Dormitory. Hirsch said the room and board rates will not go up as a result of Broughton's price, which is 26 cents higher than Servomation's, which presently runs the residents' cafeteria. However, the price of non-resident meal tickets would probably go up, according to Hirsch.

Broughton has agreed to a minimum number of selections for each day. According to Hirsch, the company will provide a lunchtime selection of three entrees, one of which is to be "solid meat;" two vegetables; two residents in Kilcawley Men's andwiches; three salads; four

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would be inadequate. But not to put it on your must see list would be a crime.

desserts, one of which will be ice cream; one soup; all available beverages, including diet beverages.



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# Dresden

Campus planning and the landscaping department have recently managed to make YSU look like Dresden after the bombs. But the department has not done all of this in a destructive frame of mind; their goal is to make YSU landscaped. The goal is aesthetic and well founded, the want to make YSU a beautiful place to work and live.

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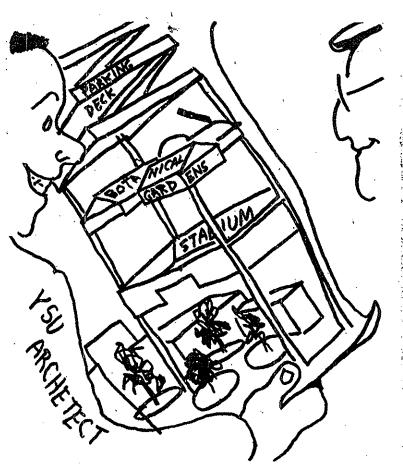
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We feel, however, that they are ignoring the need of the present students, and sacrificing their comfort for the pleasure of future students (as of yet sight unseen). As a matter of fact, we feel that they may be running into some real trouble in the near future.

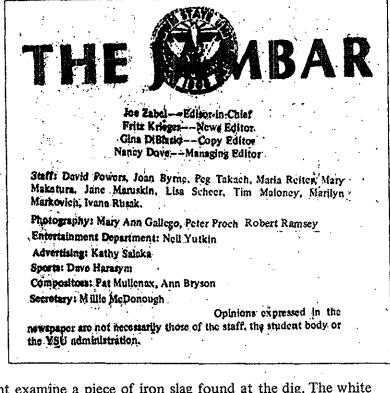
Fall quarter brings falling leaves, new students and a crushing mass of autowobblies. The department, in closing off some of the parking lots for landscaping (while failing to develop new ones), will hear the cries of outraged students this fall. Students who will be forced to park in unsafe areas or students who can't find parking spots at all will find it hard to appreciate the newlandscaping.

That's not to say that the landscaping is a bad idea; it just should have been planned so that it would not inconvenience the student body. We think that in future years it will be very nice, but right now it is a nightmare.

Besides the parking situation, there is also the matter of trying to drag oneself across campus. We are not here to test our endurance in seeing how many dirt hills we can avoid, or how many pieces of concrete we can leap on the way to class. The obstacles that are in the way of regular cross campus routes should have detours clearly marked so students may get around without delay. We don't mind being inconvenienced a little bit for the good of the campus, but putting life and limb in danger for ol' YSU is a bit much. So we urge the campus planning and development to plan more carefully for the fall quarter, because of the rush of students, and the over abundance of autos. If they don't, it will be chaos.



"How'dya like my latest master plan - it'll really put YSU on the map, huh?".



Front cover photo-Dr. White (seated) and astudent examine a piece of iron slag found at the dig. The white strings in the foreground divide the excavations into sections. Shown here is part of the stone floor of a ventilation shed. Photo by Robert Ramsey

See story on page one.

# E the jambar

