Vol. 58 No. 1 Thursday, June 15, 1978 Youngstown State University

Will continue efforts

### YSU denied I-AA for now

by Bill Snier

The rejection of YSU and the newly formed Mid-Continent Conference by the NCAA in their bid to be reclassified in Division I-AA has not discouraged the efforts of YSU Athletic Director Paul Amodio to seek the bid.

"We personally anticipated the committee's rejection, and we are now in the process of moving to the second step," stated Amodio. "It is a threeyear uphill battle which our Conference has made a firm committment to achieve."

The conference, which consists of Akron, Eastern Illinois, Western Illinois, Northern Michigan, Norhern Iowa and YSU, submitted a collective bid to the reclassification committee with the knowledge that the bid would eventually be rejected.

"It is a long and complicated process moving from Division II to Division I-AA," said Amodio. "We have taken two major steps in that direction and there are two more difficult steps ahead."

The first two-major steps invol. d in the bid for reclassififrom the Athletic Council to

submit the original bid on behalf of the University (this permission was granted by a 6-3 vote on April 27 of this year). The second step was to submit the bid to the NCAA Council. By submitting the bid collectively with the other teams in the conference, rejection by the committee was certain because a few teams did not meet the criteria of the Division I-AA status change.

The conference's goal of becoming I-AA thus must now follow a three-step process. First, upon rejection, the Conference must request the committee to pass on to the NCAA Council a recommendation for relief from the rules governing the move. Second, the Council will review the recommendation and place a proposal before the legislative body at the national convention in January of 1979. Third, at the convention, the proposal is brought before the NCAA for a vote. If this cycle seems complicated, two conferences have already gone through it and succeeded in receiving reclassification bids: the Southern Conference the Yankee Conference. YSU and the rest of the Conference must convince the Council that present circumstances prevent the league as a group from complying with the reclassification

"We knew it was not going to be easy for us to achieve our objectives, and we also knew it would require three years of concentrated effort to achieve the status of Division I-AA, explained Amodio.

One team in the Conference, the University of Akron, may not be content on waiting for the rest of the conference to re-submit their bid. There has been talk that Akron may apply for reclassification on 1 its own and may also leave the Mid-Continent Conference in favor of submitting bids for membership in the Ohio Valley or Mid-American Conferences.

Amodio stated that YSU would have three years to conform to the Division I criteria and added that a current member of any team who was recruited in Division II would



SUMMER SESSION - Although finals week ended last Saturday, this student is already cracking the books for summer session beginning today.

### Variety of events planned for Homecoming Weekend

The 1978 Homecoming Committee has announced that a half-time program and floats variety of programs are being considered for next fall's Homecoming Weekend, scheduled for October 18-21.

The Homecoming Committee has been meeting weekly since the end of April and reports that considerable progress has been made in outlining plans for

Events which have been planned so far by the Committee include a parade from the Federal Plaza to campus, a car caravan to the stadium before the game, a disco dance, a formal alumni/collegiate dance, and the crowning of a King and Queen. The Homecoming game will pit Akron against the YSU Penguins at the Austintown-Fitch Stadium at 1:00 pm on Saturday, October 20.

The Homecoming theme will be "Still Crazy After All These Years," a title song from one of Paul Simon's more popular

will be featured during the in the parade will be decorated to illustrate some of Simon and Garfunkel's songs.

The committee has been loosely structured, enabling its members to contribute many new ideas about potential Homecoming programs. The Committee will meet monthly throughout the summer session, and hopes to have all of the details completed by September.

Members of this year's committee include: Jeff Johnson, chairman; Pam Spon, co-chairman; Carol Amadio, Laurie Buehler, Brad Curl, Angela Curtis, Kris Dobrovolski, Rick Eckman, Lisa Grosik, Nancy Hutchison, Gayle Johnson, Mary Jane Klempay, Anthony Linebaugh, Mary Beth Magula, Paula Moss, Theresa Nephew, Jasper Slaughter, Karen Snyder, Rosemary Walton, Kim Zimmerman, Kevin Fahey, Tom Franklin, Tim Miller, Jim Morrison, and Barb Scott. Mark

### Abuse causes removal of phones from six Student Organizations phones would be the respon- for personal gain," said McBriar-

by Stacey Savka

An excessive number of outside calls made from the telephones in the Student Organization Offices in Kilcawley Center has led to the removal of the telephones during finals week of Spring Quarter.

The Centrex System was installed at YSU at the beginning of April. This system allows University offices and departments to be dialed directly without the use of telephone operator intervention.

A charge of nine cents is placed on all calls made to locations outside the University, however. Calls can still be made without charge within the University.

Thomas Kuchinka, internal auditor, said that the decision to remove the phones was not his, but that of Tony Koury, Student Government president and Dr. Charles McBriarty, deanof student affairs.

"The telephones were installed in the Student Organization Offices with the understanding that the phones would provide service to the student organizations, the

sibility of the student organi- tyzations and the cost of usuage

lead both Kuchinka and Mc- the Student Organization Offices Briarty to conclude that the for the same month range from phones have been used for pur- 104 to 222. "These facts lead to University business.

"The abuse of a few has stated McBriarty. created problems for the majorstated McBriarty.

"The internal auditor believes

"Mr. Kuchinka and I were stated Koury. added Koury.

"Abuse of the phones is in violation of misappropriation of students (other than those infees and the use of state money

As a base of comparison,

was understood," said Dr. Char- McBriarty cited the number of next fall. les McBriarty, dean of student calls made from the Student Affairs Offices.

But the number of calls made The number of calls in the from the 1 es in the Student Student Affairs Offices, where Organization offices were ex- McBriarty is based, range from ceptionally high for the months 1 to 35 calls for the month of of April and May. This fact has April. The number of calls in poses other than that relating to the conclusion that abuse of the phones has occurred."

The student organization with ity. But we are not sure whether the least number of calls (104) it may or may not be abuse," is Liberation and Equality Towards Students (LETS).

"LETS probably needs the the calls to be, for the most phones more than any other part, personal and an abuse of organization. However, their the state money," said Koury. phones were also removed,"

actually in a stalemate. He be- Koury added, "Other student lieves the calls to be personal, organizations probably do not I believe that they are not," need phones with community access."

McBriarty added that perhaps (Cont. on page 2)



### **Editorial**

### Campus Royalty

Among the exciting events proposed for the 1978 Homecoming Weekend is the crowning of a Homecoming King and Queen. A revival of this defunct tradition is currently being discussed by YSU's Homecoming Committee. Imagine the unparalled enjoyment that will result as YSU's most are joining several major credit Campbell Works, SOV account prominent, pompous popularity-seekers are permitted to unions and all of the commun. holders will have the opportunity vie for the dubious honor of being proclaimed University ity's banks in an effort to respond to convert their savings into potentates.

In light of the fact that students at YSU are not distinguished for being active participants in campus events, why Tube. then could it be imagined that our apathetic student body would support or attend such an archaic ceremony?

In addition, universities have, in recent years, tended to discontinue this type of traditional dead-weight. YSU had a yearly coronation at one time in our revered past. But this practice was abolished when a canine was entered and nearly won. However, YSU is now ignoring the passage of time and may even reinstate what was previously deemed meaningless.

Finally, this proposed "royal pagentry" is not only a useless idea; it is an insult to our intelligence. Homecoming Weekend should appeal to the contemporary interests of students in the seventies, who are, though at times trival, somewhat more sophisticated than the students of two decades hence, a time when this type of "entertainment" would be better received. It's ironic that just as YSU has expanded its facilities and is beginning to be able to lay claim to the image of a full-fledged University, there are still some people on campus who wish to cling to the image of "Youngstown State High School Extension."

These people seemed to be enamored with high school memories and nostalgia rather than being interested in making the Homecoming Weekend a legitimate, student participatory event.

### 29 new members installed in Order of the Engineer

William Rayen School of Engineering has installed 29 new members into the Order of the Engineer at ceremonies held on the YSU campus Wednesday, May 31.

The Order of the Engineer, according to Dr. George E. Sutton, dean of the YSU Engineering School, is more than an engineering organization. "It's a movement to bring unity among professional engineers and to bolster our profession's ethics."

Until a few years ago, engineers in this country had no identification other than their completed projects. Now, they have an appropriate symbol, a simple stainless steel ring worn on the little finger of the working hand.

The Order of the Engineer became active in the United States in 1970. According to figures provided by the Ohio Society of Professional Engineers, about 3,500 engineers in Ohio belong to the Order.

YSU inductees include 15 members of the University faculty. They are: Dr. Frank A. D'Isa, chairman, mechanical Engineering: Dr. Prakash Damshala, mechanical engineering; John Petrek, mechanical engineering; Dr. Matthew Siman, chairman, electrical engineering; Robert J. Sorokach, chairman, industrial engineering; Dr. Tadeusz K. Slawecki, chairman, chemical engineering; Prof. Samuel J. Skarote, electrical engineering; Dr. Frank J. Tarantine, mechanical engineering; Gary P. Maul, industrial engineering; Dr. Leslie Szirmay, chemical engineering; Dr. Irfan Khan, civil engineering; Dr. Richard W. Jones, chemical engineering; Dr. Henry Sendaula, electrical engineering; Raymond E. Kramer, electrical engineering and Dr. Shaffiq Ahmed, chemcal engineering.

Also inducted into the Order of the Engineer were 14 YSU students: Frank Bartolic, Steve Duca, Charles Tomazin, Jeff Taft, Paula Jagatick, Patricia Harvey, Robert Linsley, Dominic Dannessa, David Bailey, Bonnie Oblinger, Ed Burnick, James Varner, Marge Martinko, and Richard Claude Peoples.

Assisting Dean Sutton in the presentation of rings and certificates were: Floyd Shick, Manager of Facilities, General Electric Co., Niles; Dr. Jack Bakos, civil engineering; Dr. John Kearns, industrial engineering and John Ritter, civil engineering.

## 'Save Our Valley' opens next week on campus

Beginning next week, members account remains entirely in conof the University community will trol of the depositor, and the be able to open "Save Our Val- account's interest is credited to ley" (SOV) accounts at the the depositor. If the Coalition Dollar Bank campus branch and succeeds in its efforts to develop at the YSU Credit Union.

The two financial institutions company on the site of the Works of Youngstown Sheet and

campus is one facet of a week- 2569 investors. long program by the Cooperative Christian Ministry to involve the Center for Economic Alterna-University in the Save Our Valley movement. Other plans the feasibility of reopening for the week include slide pre- the Campbell Works under comsentations Tuesday and Wednes- munity/employee ownership, day, June 21 and 22, in Room productivity increases could be 204, Kilcawley. The half-hour expected under the new ownerpresentations will run between ship. 11:30 a.m. and 1 p.m.

originated with the Ecumenical estimates of productivity Coalition of the Mahoning Valley. increases range to 20 per cent The Coalition, composed of 212 clergy from various religious ed participation of employees groups, proposed the accounts in ownership and design of their as a way for citizens to express own jobs. However, the center's their support for restoration to the community of the 5000 jobs lost when Sheet and Tube of two per cent the first three closed.

Money deposited in an SOV

to the closing of the Campbell investments in the company, At last review, two weeks ago, \$2.3 million had been de-Bringing SOV accounts to posited in SOV accounts by

a community/worker controlled

According to the National tives, which has been studying

The center reports that in The concept of SOV accounts other parts of the country and above as a result of increasestimate for the Campbell Works is a more conservative increase

Students looking for something to do on campus this summer will find it in Kilcawley Center, Beeghly's pool or handball and squash courts, or in Spotlight Theater's midsummer production. Spotlight Theater's production of Noel Coward's Blithe Spirit will be performed July 14, 15, 21 and 22.

The natatorium in Beeghly will be open for the use of current students, faculty and staff as well as the families of faculty, staff and married students upon the presentation of a valid YSU I.D. card and payment of a \$3.00 lock-and/towel fee. Hours until August 24 are Monday through Friday from 12 noon to 2 p.m.

The handball and squash courts will be open Monday through Friday from 8 a.m. to 5 p.m. with the exception of the following

> June 15 - July 20: Monday and Wednesday: 8 a.m. - 12 noon Tuesday and Thursday: 8 a.m. -- 10 a.m. July 21 -- August 24: Tuesday and Thursday: 10 a.m. -- 12 noon

Through September 8, 1978, Kilcawley Center will be open the following hours:

Monday-Friday Saturday, Sunday Exceptions: June 17, 1978 July 4, 1978 August 26, 1978 September 4, 1978 Snack Bar (Hardee's) Creamery Wicker Basket Dollar Bank Candy Desk **Duplication Services** Pub Crafts Center 1:00 p.m.-5:00 p.m.

Recreation Room Music Listening Brief-Eater

7:30 a.m.-5:30 p.m. Closed

8:00 a.m.-5:00 p.m. Closed 8:00 a.m.-5:00 p.m. Closed 7:30 a.m.-3:00 p.m. 7:30 a.m.-5:00 p.m. 11:00 a.m.-1:30 p.m. 9:00 a.m.-4:00 p.m. 8:00 a.m.-5:00 p.m. 8:00 a.m. 5:00 p.m. 8:00 a.m.-5:00 p.m. 9:00 a.m.-12 noon

> Closed Closed Closed

#### **Phones**

(Cont. from page 1) volved with the student organizations) had taken advantage of the phones when the offices were left vacant and unlocked.

"I would imagine that there will be guidelines set up to limit and restrict usuage of the phones," said Kuchinka.

"We're going to come up with some reasonable guidelines so that we will know that the phones will not be abused and yet the organizations will still have access to the phones," said Koury. Kuchinka said that other offices will be checked at some point in time.

#### The Jambar Staff:

Editor-in-Chief: Naton Leslie Layout Editors: Liz Lane. Ed Shanks News Editor: John Kearns Copy Editor: Sharon Blose Photo Editor: Bob Camp Sports Editor: Bill Snier News Staff: Greg Garramone Stacy Savaka Compositors: Carol Pechalk Rosemary Tyrrell Darkroom Technician: Bob Camp Photographers: Bob Camp Advertising Staff: Rocco Pochiro Secretary: Millie McDonough Advisor:

Dr. J. Mason The Jambar is published Thursdays during summer quarter by the students of Youngstown State University and under the authority of the Student Publication Committee. Editorial material and comments are the responsibility of the editors. Opinions expressed in the newspaper are not necessarily those of the staff, the student body, or the YSU administration. Advertising rates on request at the Jambar office. Subscription rates: \$8 for three quarters, \$9 for year.

The Jambar welcomes the opinions of its readers through the form of letters to the editor and Input columns.

Letters to the editor may not exceed 250 words and should concern campus issues. Input columns may not exceed 600 words and may concern issues beyond the campus. No submission may be libelous, inaccurate, nor may it have any free advertising. The editor reserves the right to edit or reject all submissions. Both letters and input must be typed and signed, and must include the contributor's phone number.

American Cancer | Society\*

#### **Dramatics Fraternity**

The Eta Phi Chapter of Alpha Psi Omega, the national honorary dramatics fraternity, initiated six new theatre majors into its membership during its annual Awards Banquet at YSU. Those initiated include Leslie Brown, Jini Finkenhofer, Lawrence Kale, Sara-Jane Pesick, Timothy Stotler, and Christina Webb. Following initiation ceremonies, the following students were elected as next year's officers: Leslie Brown, president; Christina Webb, secretary; and Lawrence Kale, treasurer.

#### Blues Music

Good Mornin' Blues, a one-hour special on Mississippi blues music will be presented at 9 p.m. on Tuesday, June 20, over Channels 45 and 49. The documentary follows the blues from its earliest origins around the turn of the century until World War II. B.B. King, the narrator of the program, says that "The real blues weren't written, they were lived. The blues is a feelin', too . . . "

#### Michener Show

James Michner revisits the sun-drenched South Pacific he knows so well at 8 p.m. on Tuesday, June 20 over channels 45 and 49 in "The South Pacific: End of Eden?" The acclaimed author returns to the area which spawned three novels-the Pulitzer Prize-winning Tales of the South Pacific, Return to Paradise and Hawaii, and takes a "last glimpse at a diverse and unique corner of the planet before it plunges headlong and irretrievably into the mainstream of our modern world."

#### Summer Tryouts

Spotlight Theatre is announcing tryouts for its summer show, Noel Coward's Blithe Spirit, to be held at 7:30 p.m. on Monday and Tuesday, June 19 and 20 in the main auditorium of Bliss Hall. Blithe Spirit, a delightful madcap comedy, centers around a husband Charles, and his present wife, Ruth, who entertain a medium, Madame Arcati, who performs a seance which is climaxed by the appearance of the spirit of Charles' first wife, Elvira. In addition to these parts there also are available the parts of Dr. and Mrs. Bradman friends to Charles and Ruth and Edith, the maid.

#### Critical Care Nurses

The Northeastern Ohio Chapter of the American Association of Critical Care Nurses will hold its June meeting at 7 p.m. on Monday, June 26 at the St. Elizabeth Hospital School of Nursing. The speaker for the event will be Dr. Chander Kohli, neurosurgeon, St. Elizabeth Medical Center, whose topic will be "Transphenoidal Hypophysectomy." There will be a \$1 charge for all non-members of the chapter who wish to attend the meeting.

#### Senior Recital

Richard Barber will present his senior cornet recital at 4 p.m. on Friday, June 23 in the Bliss Recital Hall.

#### Management Film Festival

The 1978 Management Film Festival will be presented by continuing education from 8:30 a.m. to 4:30 p.m. on Thursday, June 29. The Festival will include two concurrent showings of more than 20 training and motivational films which may be used in work settings or organization, along with an accompanying training program. Most of these films are new releases from major nationallyknown producers.

The registration fee of \$25 includes film previews, lunch, morning and afternoon breaks and an evaluation/commentary set on which to make notes on each film. For further information, contact the department of continuing education, 742-3358.

#### Graduate Field Experience

The School of Education is offering a graduate course in elementary science field experience from June 15 to 28. The education course is a three or four quarter hour graduate field workshop designed to strengthen the competencies of elementary teachers in the teaching of elementary school science. The workshop will be entirely field-oriented, including trips to Mill Creek Park, Beaver Creek State Park, the YSU Planetarium and the Mahoning County Soil and Water Conservation District. Participants will be expected to furnish transportation, sack lunches, be attired for actual field work, and be able to devote the time from 9 a.m. to 3 p.m. each day to the workshop. The class will be limited to 20 participants.

Outstanding athletes

### Pros draft Dravecky, Covington

In a span of just 48 hours late last week, two outstanding YSU athletes were drafted by professional sports teams.

Late Wednesday evening, Dave Drávecky - a hard-throwing southpaw, was drafted in the 21st round of baseball's secondary draft by the National League's Pittsburgh Pirates.

Jeff Covington, a three-time All-American basketball star, was 74-24 overall record. Covington chosen in the fourth round of the National Basketball Association (NBA) draft Friday by the New Orleans Jazz.

A four-year starter and letterman for Coach Dom Rosselli, Dravecky enjoyed a brilliant cathird innings, and fashioned a recent organizational meeting. sparkling career ERA of 1.85.

that has ever happened to me," from Boardman, while senior said Dravecky. "It's a fantastic gridder Ralph Orsini from Steufeeling. Now that I have this benville was named vice-presiopportunity, I'm going to have dent. to work hard to meet the challenge."

South Carolina where he'll play tintown. A team in the Carolinas Coast and fraternal organization com- Street. League.

ing of Dravecky's good news, with 2,424 points and finished Covington learned that he was with 1,381 career rebounds. He leans Jazz. Covington, who will be represented by Steve Hill and Associates of Minneapolis, Minn., will report to the Jazz's College Player of the Year in the

The four years he played at YSU, the Penguins posted a

Less than 48 hours after hear set the school's career record drafted by the NBA's New Or- was named to most All-America teams, played in the Pizza Hut Basketball Classic last April in Las Vegas, and was named the rookie camp on June 26-28, nation by Basketball Weekly,

"It's a great honor," said Covington. "It's another challenge that I hope I can meet."

Y Club names officers

YSU's newly-formed Y Club, reer for the Penguins. He com- an on-campus organization of piled an overall 21-7 record, lettermen, elected officers for struck out 251 in 194 and one the 1978-79 school year at its

Named president was Jim Fer-"It's by far the greatest thing ranti, a junior football player

Junior Ronie Prince from Canfield, a member of YSU's state Dravecky wasted little time softball championship team, was in beginning a trek he hopes will elected secretary. Chosen the posed only of alumni athletes lead to the major leagues. Satur- group's treasurer was sophomore who lettered at YSU, will hold day morning, he departed for Ken Moser, a wrestler from Aus- a meeting on Tuesday, June

posed of present YSU athletes. regardless of the sport or year in which they lettered in a varsity sport. The group was organized to help and assist the University's intercollegiate athletic

Anyone interested in further information about the Y Club. can contact either Pauline Noe. assistant athletic director at 742-3480, or head football coach Bill Narduzzi at 742-3483.

A branch of the Y Club, comin ad mary reth 27, patie 7 cp. m. at Paul Morris for the Pirates' Charleston Class The Y Club is a service, social WSporting Goods, 3600 Market

## Spotlight gives Dowling awards to recognize theatre achievements

Spotlight Theatre presented its fifth annual Eddie Dowling Awards in Theatre at special ceremonies held in Mill Creek Park's Pioneer Pavilion.

These awards, named in honor of the late Broadway producer-actor-director Eddie Dowling, are sponsored by YSU's Eta Phi Chapter of Alpha Psi Omega national honorary dramatics fraternity to recognize achievement in theatre performance and technical work.

Bronwyn Thomas, junior voice major in the Dana School of Music, was selected Best Actress for her memorable and versatile performance as Ruth Sherwood in YSU's first musical,

Wonderful Town. Best Actor award was presented to Gary Solomonson, a graduate student from Struthers, for his unassuming yet hard-driving portrayal of Henry Drummond, the defense attorney in Lawrence and Lee's Inherit the Wind. This show was the dedicatory production in the new Ford Auditorium in Bliss Hall.

As the housekeeper whose blind dedication to her priest led her to murder, Marilyn Thomas, senior English major, was selected as Best Supporting Actress for her portrayal of Mrs. Shandig in Milan Stitts' The Runner Stumbles.

Another senior English major, Joseph Pazillo, was recipient of Best Supporting Actor award for his rib-tickling personation of the parasitical Joxer Dailey in Sean O'Casey's Juno and the Paycock. This was a production which was held in conjunction with the Second Sean O'Casey Festival attended by O'Casey fans from both sides of the Atlantic.

Alexandra Vansuch, who has received two previous Eddie Dowling Awards as Best Actress, was this year's winner as the Best Technician for a single show. Vansuch was the key grip who masterminded scenery and set prop changes for Wonderful Town. For Best Technical work for an entire season, Leslie Brown, freshman theatre major, was selected for her varied season with Spotlight Theatre. She portrayed the role of Mrs. McClain in Inherit the Wind; served as key grip in The Runner Stumbles; co-headed props for Juno and the Paycock; and served as an assistant to the director and stage manager of Wonderful Town.

The special Peggy Ennis Memorial Award, which was established three years ago to honor outstanding achievement by a freshman theatre major, was presented this year to Christina Webb. Webb has performed in and has worked on various technical crews for each of this season's productions.

Dr. Bill G. Hulsopple, YSU's director of theatre, served as master of ceremonies, while previous Eddie Dowling Award winners presented awards to this year's winners.

Special entertainment included slide presentations of all of this season's productions and a senior acting recital by Denise Tkach, who presented cuttings by William Shakespeare, Eugene O'Neill and G.B. Shaw,

Award recipients were selected by a committee composed of Mr. Frank Castronovo, Spotlight Theatre's designer and technical director; Mrs. Anita Castronovo, former theatre costumer; Miss Debra Rae Coots, a former Eddie Dowling Award winner and presently a sales representative for WYTV; Sister Elizabeth Staudt, biology, and Hulsopple.

### Ward Beecher houses paradise

by JoAnn Nader

Enter a rather non-descript four-story building; a science education hall filled with class-rooms and labs crowded with microscopes and other science equipment. The sun slips silently through the clouds on this subtle spring day. An elevator rides to the roof and opens. Step off the elevator to be welcomed by the fresh, crisp earthy aroma clinging to the moist air.

Enter a tropical paradise, an herbal sanctuary, a legion of leaves and stems. High atop YSU's Ward Beecher Science Hall rests a greenhouse occupied only by nature's samples.

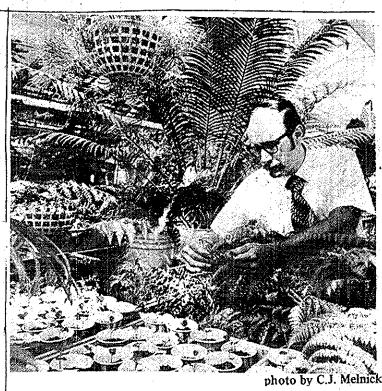
Far from the daily pressures of campus life below, the green-house inhabitants emit a relaxed complacency. One can nearly feel growth occuring in the midst of a healthy humidity that envelopes the fanning ferns, the just-misted seedlings and tropical greens.

The greenhouse has rested on the roof ever since the building was built in 1967. It boasts the largest collection of fems in Ohio, with close to 180 different species from around the world, according to Dr. Carl F. Chuey, biology, initiator of the collection. The Massa-chusetts fem, stag horn fem, and the Japanese holly fern are a few species sheltered by the greenhouse. However, outdoor experiments are currently being conducted in East Liverpool to find if the imported Japanese holly fern can withstand Ohio's chilling winters. If so, area gardens could sport a new and unusual fern lasting from season to season.

Ferns are grown from spores which fall from spore cases that usually rest on the back side of the fern. Ferns can take anywhere from 10 weeks to seven years or more to germinate, depending on the species, says Chuey. To raise foreign ferns or those not native to this region, the greenhouse purchases spores from the American and British Fern Societies. Some ferns that have an especially long germination, as the stag horn fern, are bought as young plants.

Besides housing the fern collection, the YSU greenhouse serves students and faculty members experimenting in such areas as photosynthesis, hybridization and nutrients. It also allows botany, biology and forestry students to examine foreign plants and trees that they otherwise would not be able to see. Also, local graden clubs take tours through the greenhouse by appointment.

Although the rooftop greenhouse seems very idyllic, it is not without its problems. Winter winds cause swift temperature reductions. This past winter, the



NATURE'S SANCTUARY – In the midst of these ferns, the just-misted seedlings, and the potted palms, Carl F. Chuey examines one of 180 different species of ferns in the YSU greenhouse. Located on the roof of Ward Beecher Science Hall, the greenhouse serves students and faculty members in experimentation, as well as shelters the largest living fern collection in Ohio.

temperature dropped to 32 degrees, said Chuey. However, no real damage was evident to the plants. "The greenhouse does work in the winter; that's the advantage of it. Everything will grow, but then this winter, particularly with the energy crisis, we had a lot of problems with heat escaping," explained Chuey.

Water leaking to offices and classrooms below the greenhouse and transporting soil and plants up the elevator are other problems confronting this rooftop plant shelter.

"Probably, the thing that would benefit us most would be a second greenhouse down on campus somewhere--one that we could use for display," suggested Chuey. Many universities have display greenhouses used for touring, in addition to a second greenhouse used only for experimentation under controlled conditions. This situation at YSU would be ideal, Chuey believes.

Hopefully, YSU will have a second greenhouse in the near future, located on the ground in the midst of the "civilized" world of concrete and preoccupied students. But it's doubtful that the grounded greenhouse will attain the same detached serenity of this green haven high atop Ward Beecher Science Hall.

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