



The Lumberjack

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HSU night buses find dead end

By LEWIS CLEVENGER
staff writer

The recent request by the Student Legislative Council for night bus service to HSU appears to have died before it got off the ground.

Members of Humboldt Transit Authority expressed sympathy with the SLC position during HTA's monthly meeting last week, but said the chances for a night bus run are slim.

"We appreciate their problem," HTA chairwoman Beth Rundell said. "However, if I were a student, I wouldn't get my hopes up."

Night-time bus service for HSU would cost approximately \$12,000 through June 1, HTA Executive Director Robert Burrowes said.

"That money is just not available at this time," he said.

HTA Commission member Julie Fulkerson dissented from the opinions

offered by the majority.

"I don't feel we can ignore this," she said. "If there is a need and we can possibly fill it, we should."

In an interview after the session, Bill Reilly of Caltrans discussed the problems facing HTA and suggested some possibilities for obtaining after-hours bus service in the future.

"Part of the problem is that HTA is a 'joint powers entity,'" he said.

This means all representative entities on the commission are assessed amounts equal to each entity's percentage of population actually served by HTA.

The commission is composed of Humboldt County and all incorporated cities served by HTA. Any further assessments voted by HTA would have to be divided equally among all entities, based on the percentage of each population served, Reilly said.

"There are two problem areas right now in terms of providing extra funds. One is

Arcata, because they are subsidizing two bus systems. The other is Eureka."

Eureka is in the process of buying several new buses to replace the old ones now in service, he said. Money for these transportation systems comes from a state fund set up for that purpose, with disbursements paid out on a percentage basis.

Since Arcata and Eureka both use all of their allotted money to finance existing transportation systems, neither has any more money to pay their share of the increase necessary if night service should be extended to HSU, Reilly said.

"Since all entities are assessed on a percentage basis by law, the inability of Arcata or Eureka to pay any more limits the ability of HTA to pay," Reilly said.

Further discussion on the SLC request was tabled until the HTA's next meeting, scheduled for 9 a.m. Dec. 11 at Eureka City Hall.

For related story, see page 3.



Applicants vie for Arcata Council position

By SANDI WORRELL
staff writer

Today is the last day to submit applications for the Arcata City Council vacancy created by Wesley Chesbro's resignation.

At press time, no applicants' names had been released, but Mayor Dan Hauser said at the last City Council meeting that Alexandra Fairless-Stillman, Anne Baer and Claudia Ann Johnson were interested in the position. Mark Weinger has also announced his application.

The Council will hold a public hearing next Tuesday to interview each applicant and the new member will be selected and installed Dec. 3. The term runs until early 1982, the remainder of Chesbro's term.

Alexandra Fairless-Stillman, 41, served on the Arcata City Council for two terms, and was mayor of Arcata from 1974 to 1978.

Fairless-Stillman has lived in Arcata for nine years and received a bachelor's degree in home economics from HSU. She is part owner of The Camel, a textile and card shop in Arcata.

One of the founders of the Historical Sites Society in Arcata, she is a member of Arcata's Housing Committee, Design Assistance Committee and is a Humboldt citizens representative for the Criminal Justice Planning Board.

Fairless-Stillman is also a member of the League of Women Voters and the American Association of University Women.

She said she is concerned about environmental and social needs.

"There are things in the housing issue that I would like to see implemented, and I would like to see a move toward solar power.

"... I can see both sides of an issue. I have become more of a moderate over the years," she said.

Claudia Ann Johnson, 27, is a native of Arcata and has worked on the Arcata Planning Commission for the past four years. She is also a member of the Historical Society.

Johnson studied business and law at U.C. Berkeley and U.C. Davis.

"Serving as a planning commissioner has given me insight into the complexities of city government," she said.

"I would like to become more fully involved with the running and policy making of city government. I want to have a part in planning the future of Arcata ... There needs to be more concern for the people who have been living here all their lives."

Mark Weinger, 33, owner of the Shirt Shoppe, Stained Glass Studio and Arcata Chain Shop, has lived in Arcata nearly five years. He received a bachelor's degree in biology from HSU.

Weinger has been on KEET-TV's Board

of Directors for the past two years, and teaches a stained glass course for Eureka Adult Education.

"I think I have something to offer the city due to my experience in business and my interest in the community," he said, adding that he is interested in the city's "needs in regard to long term planning and running (it) in an economic fashion. I have a fresher approach to things; I could add some new blood to the system."

Anne Baer, 57, has lived in Arcata for more than 20 years. She has a bachelor's degree from San Jose State in speech and drama and a master's from HSU in public address.

Baer has been on the Planning Com-

mission for the past seven years, five of them as chairwoman.

Baer is a member of the Historic Sites Society and the American Association of University Women, League of Women Voters, Arcata Women's Club and the Bayside Garden Club.

"I believe that my academic background brings the ability to listen and evaluate evidence and that my familiarity with city affairs as covered while on the Planning Commission cuts down on the amount of learning needed," she said.

The public hearing takes place at 7:30 p.m. in the Council Chambers of Arcata City Hall.

Lawsuit spurs defense of county plan

By LEWIS CLEVENGER
staff writer

The League of Women Voters lawsuit filed against Humboldt County has, predictably, created another local controversy.

The lawsuit, filed Nov. 7 by Arcata lawyer Steve Gompertz on behalf of the league, concerns the granting of subdivision permits and rezoning changes.

The league seeks to prohibit the county from making such decisions until an updated General Plan is adopted or until the county applies for and receives an extension for completion of the plan from the State Office of Planning and Research.

Superior Court Judge Thomas M. Montgomery refused to issue a temporary restraining order requested by the league at the same time the suit was filed.

Montgomery turned down the request for the temporary injunction last week, but ordered all parties involved in the suit to appear in court Friday, when a hearing date on the lawsuit will probably be set.

Gompertz said the hearing could last as long as a week.

The Humboldt County Board of

Supervisors, supported by a number of local organizations, including the Straight Arrow Coalition and the Eureka Chamber of Commerce, decided on a 3-2 vote last week to fight the lawsuit in court.

Both local television stations have editorialized against the lawsuit.

Humboldt County Supervisor Danny Walsh quoted the Times-Standard as saying the county has been "working on (the plan) in good faith and progress has been made."

The county has been in the process of updating the plan, Walsh said.

"I don't think there has ever been a board that has made such good progress in really addressing all planning matters in the county," Walsh said.

The suit, which describes the present county plan as "invalid and illegal," asks the court to restrain the county from processing applications under the plan.

The League said it would be willing to drop the suit if the county would request the extension from the state.

The Board of Supervisors decided last September not to ask for the extension because it said it feared the state would make additional demands on the county in

return for granting the extension.

At that time, pro-development forces testified such conditions would virtually halt all development in Humboldt County.

In filing the suit, the League named several persons as co-defendants.

These persons were identified by Gompertz as local landowners who were "subject to subdivisions (decisions) within the last six months," whose plans were approved over "specific Planning Department recommendations."

The League's main concerns, according to league President Doris Gray, are subdivisions on "agricultural resource lands" and planning decisions that allow location of wells and septic tanks "too close together" in hilly terrain.

Gray was also critical of the present plan, which she said requires "much more staff work" than necessary and requires the staff to process what amounts to "mini-plans on every application."

Gray responded to a Nov. 11 editorial in the Times-Standard attacking the league's position by saying the decision to file suit was one "which will, in the long run, serve our community and all of our citizens well."

Rape prevention speakers urge awareness

By L.J. AMMONS
staff writer

Awareness is the main defense for all women who find themselves victims of potential rape.

Any woman in a vulnerable situation should be aware of that vulnerability, as well as the definitions of rape and rapist and the options available to her.

These were the topics of a three-day series on rape prevention held on campus last week by the Humboldt County Rape Crisis Team and the University Police Department.

The series was held in accordance with a state request (AB 207) to provide this type of presentation.

The discussion was led by Suzannah Christy, executive director of the Rape Crisis Team, with contributive comments from team member Louise Radford and UPD Sgt. Raymond Fagot.

The program was held to promote awareness about rape, Christy said, because the immediate reaction by women is to ignore it.

"Rape is a very misunderstood term," more so by women than men, she said. Two myths seem to be perpetuated by some women.

The first myth is "it can't happen to me."

Many women believe rape doesn't happen to "nice" women, Christy said. They tend to believe that women who are raped are "asking for it."

The second myth is "men rape because they want sex."

Christy said the rapist is really "looking for a person who he can dominate or control."

FBI studies show rapists seek an outlet for aggression, violence and control, Christy said, and the rapist is usually married or has a girlfriend.

A rapist feels out of control of his life and seeks control through rape, she said, and cited the following reports from the FBI:

- Fifty percent of rapes committed are by assailants known to the victim.
- Experts estimate 90 percent of all forceable rapes are not reported.
- Rape shows the most dramatic increase of all violent crimes committed throughout the United States.
- Sixty-five percent of all rapists are arrested again for rape.

"My personal feeling is that there are a lot of rights protecting the defendant. That's why we have to defend ourselves as potential victims," Fagot said.

Statistics show rape is a crime that happens to men too, Fagot said, and rape affects the lives of husbands or boyfriends involved with the rape victim.

Preventative measures were discussed at the program, with the emphasis that there is no absolute protection from rape.

Each rapist has his own mode of operation, Christy said.

"A lot of rapists don't understand (rape)

is a crime. Some try to make a date afterwards; some apologize afterwards."

A woman should do anything to survive during a rape situation, Christy said, but she should plan now to think quickly in such a situation.

If the rapist is armed, the options are limited; there is no way to predict his actions. A woman must choose whether or not she will physically resist her attacker.

Distract him — some rapists follow the same pattern, and disrupting his script might give the woman time to get away.

For example, if the attack occurs on the street, ask to go to your house or suggest ways of how the act might occur. If the

woman assumes "control," it may throw the rapist off guard.

A potential rapist may be dissuaded by screaming. ("Fire!" and "police!" are better than "rape!")

Tell the rapist you have venereal disease or just had a recent operation or that you are on your period.

Women have been known to ward off rapists by engaging in asocial behavior, such as reciting nursery rhymes, quoting scripture, urinating or defecating.

Take advantage of any "weapons" if possible (lighted cigarets, umbrellas, keys, nail files). Use them on or near the face.

Although a reported rape has not occurred at HSU for two years, the campus is not immune. The Rape Crisis Team gets an average of two calls a week.

Two rapes were reported on campus in 1975, one in Gist Hall and the other in the Sunset Hall dormitory.

A 1974 rape occurred in Cypress Hall dormitory where a woman had left her door unlocked for a late-returning roommate.

If a rape has occurred or if an attempt was made, the Rape Crisis Team urges you to call for information and support. Their number is a 24-hour phone line at 445-2881.

Grade changes have 'outside chance'

By LORAIN ODA
staff writer

Not all students are aware of the actions they can take to combat a D or F course grade they believe was unjustly given to them by an instructor.

Under the University Student Grievance Procedure, adopted by the Academic Senate last March, "there is an outside chance" a dissatisfied student can have his grade changed, HSU Ombudsman Claude Albright said in a recent interview.

Yet "very few" grievances are filed, he said, noting that an average of one or two formal complaints have been received each year for the past five years. No formal grievances were filed last year.

HSU has less academic grievances than most other schools, probably because of its relatively small size, Albright said.

The informal relationship between students and faculty members usually enables misunderstandings to be "settled at the grassroots level," he said.

Albright, who is serving his second year as ombudsman at HSU, said the usual complaint he deals with is made by a student and "has to do with grades."

For example, a student might disapprove of a grade distribution based on a class curve, he said, or a student may not want the F an instructor gives him when he drops a course or withdraws from school.

A formal grievance should be attempted only if the student cannot resolve the

problem by direct communication with the persons involved, he said.

If the student is willing to discuss the matter honestly and openly, he said, the situation is more likely to be resolved than if the student gets angry and argues with the instructor.

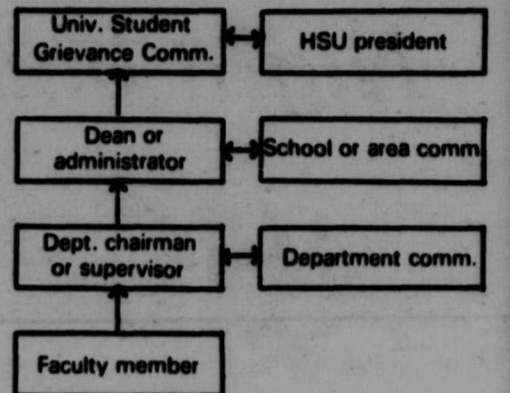
The ombudsman advises the grievant on what steps to follow in the procedure, which may involve any or all of four levels (see chart). The highest level of final authority is the University Student Grievance Committee.

The three faculty members, two students, one staff member and one Student Services representative appointed to the committee conduct a hearing and vote on a final action. If the Committee decides a student's right has been violated, it may have the instructor change his or her grade, according to the HSU faculty handbook.

A student may not have to go through all steps of the procedure to get a ruling on his case, but he may appeal to a higher level if he is not satisfied with the result.

The most important thing a student should remember in filing a complaint against a faculty member, Albright said, is the time limit in which a written statement of grievance must be submitted before it can be taken to the next step in the procedure. Each step has its own time limitations.

"It's a thorny business," he said. The ombudsman's office is in the library basement, Room 50, phone 826-3649.



THE ABOVE DIAGRAM illustrates the hierarchy of appeal through which a student may take a grievance.



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Academic Senate to take promotions stand

By JOEL TIPPLE
staff writer

The Academic Senate will take an official position this month regarding "dry" promotions in response to a letter from HSU President Alistair McCrone asking the senate to reconsider the dry promotion procedure.

Simon Green, chairman of the senate, said the decision will be made at the next meeting, Nov. 25.

Each year a certain number of instructors are promoted; the number is determined by critical examinations of instructors by departments, schools, faculty and the university president, as well as by the amount of university funds available for that academic year.

In a given year, for example, 30 candidates might fulfill all the requirements for promotion, but funds might only allow 20 to be promoted that year.

Dry promotions allow the remaining candidates to automatically be promoted the following academic year, instead of going through the examination

procedures again.

McCrone is opposed to these types of promotions. In his letter, McCrone said "if funding for 1981-82 promotions turns out to be similar in proportion to that provided for 1980-81 and earlier, nearly half of the potential fundable promotions for 1981-82 are already committed."

With twelve promotions already committed, he continued, it is likely that "some persons of comparatively superior academic qualifications may necessarily be deferred in their acquisition of promotion for at least one year, and perhaps longer."

Dry promotions were begun "to conduct promotion evaluations purely on the basis of merit" and without reference to financial limitation, McCrone said in the letter. But with a limit to funds available and an increasing number of qualified applicants, "the most meritorious persons among us might not receive a promotion as soon as they would if the 'dry' promotion practice were not used."

HSU professor of physics and senate member

Frederick Cranston said the procedure should be continued.

"We should base (promotions) on worthy fulfillment of statements in Appendix J (of the HSU faculty handbook), from policy statements," he said.

"If a person fulfills all the requirements (goes through all the various examinations), he should be promoted as soon as funds are available," Cranston said.

If the dry promotion procedure is not continued, the paperwork and time involved in processing for each candidate would become too great, he said.

Cranston said if the dry promotion procedure was not continued the paperwork and time involved in processing candidates would grow too large.

Reconsideration of dry promotions was the first topic of the Faculty Affairs Committee November 11.

The committee would recommend the dry promotions procedure to be continued, Pete Wilson HSU journalism professor and chairman of the Faculty Affairs committee said.

Night bus backers to seek county's advice



By CHRIS CRESCIBENE
staff writer

Organizers of the drive to establish a night bus run between HSU and local communities will take their cause before the Humboldt County Organization of Governments.

Night bus proponents will attend HCOG's meeting tomorrow night seeking advice, Associated Students President Alison Anderson said after Monday night's Student Legislative Council meeting.

"We want them to tell us where to go," Anderson said. "We're going to seek counseling as to how to get through the red tape."

Anderson said she and a representative of the College of the Redwoods' student

government, which has led the drive along with the SLC for the run on the Redwood Transit System's route between Trinidad and Scotia, will state their case before the organization and then invite advice and support from HCOG members.

Drive organizers will go to the meeting armed with petitions signed by approximately 2,000 area residents. The petitions have circulated throughout campus and local communities for the last two weeks.

Anderson said the petition drive will continue through Dec. 11, when night bus proponents are expected to present the signatures to the Humboldt Transit Authority, which operates Redwood Transit System. Organizers then will ask the authority to institute the night bus run.

Night bus efforts in the past have been met by claims from HTA members that the authority does not have the money to establish the run. Last week HTA Executive Director Robert Burrowes said funds for the service — estimated to cost \$12,000 through June 1 — are not available (see related story, Page 1).

Anderson said if HTA will not immediately institute the run, she hopes it

will at least establish a committee to investigate whether funds for such a service might be obtained from outside sources.

"If they explore all funding resources — national, state and local — I feel confident that they will find the money," she said.

Anderson said she would like to serve on such a committee. Other members should include representatives from CR, local senior citizens groups and other segments of the community which might be affected by the service, she said.

SLC officers will be on the HSU quad during the next two weeks with petitions soliciting signatures. They will also ask for signatures Saturday in front of the Arcata Co-op.

Anderson stressed the need for gathering the signatures at the SLC meeting.

"It's the home stretch and it's important that we make a strong point."

In other business, the council formed an ad hoc committee to establish criteria for the use of AS money by campus clubs to cover travel expenses.

In the past, the AS has dispensed travel funds without any criteria the clubs had to meet. But Anderson said the situation got out of hand last year.

"We had clubs asking for — when you add them (the requests) all together — \$1,500 to \$2,000 for traveling when we only had \$750 to allocate," she said.

Last year's council decided not to allow the use of any AS funds for travel until criteria are set up.

Recent requests by several clubs prompted the SLC Monday night to set up the committee. It will include AS Vice President Barry Savage, AS Treasurer E. Michael Quinn, SLC members Todd Lufkin, Colin McGuire, Sandy Salamone and Tim Mahan, and representatives from campus clubs.

Quinn said any club member wishing to be on the committee should contact her at the Associated Students Business Office.

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Basement View

Are we for real?

Well, are we a real newspaper or not? We go to journalism classes, we work on The Lumberjack and all the time we're being told, "Yes, it's real."

But student newspapers were being destroyed earlier this month in San Luis Obispo because an editorial endorsing Jimmy Carter, which appeared in California Polytechnic's "Mustang Daily," was unsigned.

According to the California Education Code, the editorial was illegal. Title V of the code says auxiliary organization funds "shall not be used to support or to oppose any political issue or candidate."

Although student publications are not specifically mentioned in the code, the California State University and Colleges chancellor's office, and apparently the Mustang's adviser, interpret the code to include CSUC newspapers.

There's a little catch, too, which says editorials can endorse or oppose candidates or issues as long as they are signed by the editor.

Is this an infringement on the First Amendment guarantee of freedom of the press? Or is the student press "real" enough to be protected by that guarantee?

Obviously some people don't think so.

We go out and get stories so the students might be better informed. We are subject to the same libel laws as any other newspaper. We adhere to the same "ethics" of "objective reporting" as other newspapers do. Yet often we are not taken seriously by readers.

Individuals have called our advisers and HSU presidents to complain about something we printed, instead of dealing directly with the editor, who is ultimately responsible for the paper's content.

Something must be done to make the situation consistent.

If we are led to believe we are a genuine newspaper, we should actively pursue a change in Title V to allow state college newspapers an editorial voice — by exempting them from the "auxiliary organization" clause.

If we're not to be classed with other "real" newspapers let's stop trying to be as legitimate as any other paper while working on The Lumberjack, put more responsibility on the faculty advisers and take a few more days off to relax.

We don't believe that is the direction we would like this paper to take. The San Luis Obispo student editors are waiting for the next election to make a test case out of another unsigned editorial. That's one solution. Another would be to support an amendment to Title V through legislation which would exempt student newspapers from the auxiliary organization regulations.

Either way, we need support. So please make your feelings known: to us, to the administration and to legislators.

If we're going to take the risks, we're entitled to the same protection as any newspaper.

—Danae Seemann



Letters to the Editor

Brains don't pay

Editor:

The state university system has sent college representatives to campuses nationwide to recruit minority students. It has provided some special programs and facilities for women and the handicapped. It has even allowed college dropouts, under certain conditions, to return to school with a clean slate to complete their degree.

HSU perhaps has done its best to avoid discrimination against persons on the basis of race, sex or handicap, but has adopted a policy that discriminates against above-average students.

The course repeat policy, enacted by the Board of Trustees in the fall of 1975, allows the below-C average undergraduate who earns a D, F or U to repeat the course and petition for having only the last attempt count in the computation of his or her grade point average.

If a student with a cumulative GPA above 2.0 gets a bad grade, he or she may retake the course, but the two grades will be averaged. So, if he or she fails a

course one quarter and aces it the next, a C will be entered into his or her GPA.

The policy was designed to save the student from being suspended and to save him or her from graduation delay.

I contend the policy doesn't encourage a failing student to rise above the average. Although a record is kept of all course grades, the failing student may think he or she can get away with a couple of D's or F's since they wouldn't count in his or her GPA.

Nor does the policy solve the problem of graduation delay. A student still must repeat a course and may be excluded from doing so if other students who have not taken the course fill in all available spaces.

All 19 campuses in the CSUC system are supposed to comply with these rules, which in my opinion, favor "poor" students and are unfair to "good" students.

Whether a student gets a job or grant, gains entrance to an upper division or graduate school, or qualifies for an exchange or other special program, is often largely determined by his or her academic standing or GPA.

A policy that is intended to help

one group of students should be extended to benefit the whole student body.

A person who studies hard and does well in school, but happens to fail a course, deserves a break. However, a student who cannot maintain at least a C average and who consistently flunks doesn't deserve to graduate.

Lorraine Oda
senior, Journalism

Identity crisis

Editor:

After reading the review of HSU's production of Richard III in last week's Lumberjack, I was left with an identity crisis. I like to consider myself as a "more experienced community artist" referred to in the review, but at the same time it's difficult to shake off the last five years of my life spent at HSU — my home of that duration.

My dilemma: Is not HSU a part of the community? Of course it is. For just as HSU is part of the community, the community is a home for HSU. Each is inclusive of the other. Regardless of who plays what character, whether it's Milo the custodian who "acts" through years of study, or Joe the beginning actor, it is entirely irrelevant to the "satisfaction" one can receive by watching Richard III. In our case, the best actor-actress receives his-her part — community and school together.

It is a general belief that

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More Letters...

(Continued from page 4)
ambiguity in any kind of art signifies one of its most virtuous features: evoking numerous perspectives into its thematic base. This is for a very good reason: human beings by their very own nature are ambiguous, forever contradicting themselves. But should ambiguity be extended into the critical review of a play? It most certainly should not — and that indeed is the art to a critical review.

I must personally congratulate the reviewer for going beyond the art of ambiguity and courageously delving head-on into the imperceivable world of non-senselessness. The Richard III review was studded with such profound statements as, "Although the measure of excellence used here is the degree to which the actors can escape from their self-consciousness." Hmm....I don't even think a weekend around the fireplace reading Freud and Stanislavski could help me sort out that one.

Better yet, the reference to the American actors who tried to speak with British accents: "... the result is a lot of unnatural dialogue." Shakespeare dialogue unnatural, is not? Certainly we deserve better criticism than this. A little reminder, shedding a little light into the artist's psyche: the knowledge learned

from singling out negative features can be an encouraging experience when handled in a clear and tactful manner; by identifying them, one gives the impetus to improve and make better.

I trust the above criticisms were the result of a minor blunder in choice of words. We all make mistakes, but they are difficult to stomach after weeks of concentrated rehearsal.

I cannot close this response letter without first commenting on the criticism of Mark Shilston, community member.

"Entertaining," was he? I'm sure if you could divorce yourself from the historical nightmare of Hitler, you could also find Hitler's eccentric, if not clownish behavior as seen in old films, as entertaining. Mark's cynical wit as the power-hungry Duke of Gloucester brought fresh life into a historically complicated dramatic character.

I saw Richard III performed at the Ashland Shakespearean Festival, enjoyed it thoroughly, and could have sworn Don Rickles played the lead. Despite Mark's witty interpretation of Richard III, he never once deviated from the character's mean base core — a ruthless lust for power.

I feel the theater arts department conveyed Shakespeare's

dramatic gift at a level which experienced actor and actresses could only achieve. It is a blessing to the department that for a mere six weeks, actors of such caliber could work together for a common cause — Shakespeare.

Halg White
Arcata

Watts shaking

Editor:

One of the effects of Saturday morning's earthquake was the bright flashes of light seen throughout the area. Several witnesses observed intense, bright sparks and flashes from power lines and transformers. This may explain the whole thing, but a phenomenon known as earthquake lights has been reported through history associated with major earthquakes.

Earthquake lights are believed to exist by nearly all geoscientists familiar with the subject. As yet, there are only theories to explain their occurrence. In an attempt to gain knowledge, I'm asking for information from anyone that witnessed lights associated with Saturday's earthquake.

Any information may help, especially specific locations of

power lines arcing and the intensity of the observed light, your location and the direction of the light observed. Please send me a postcard describing whatever you witnessed. Thank you for your help.

Steve Dunn
senior, geology
Dept. of Geology
HSU
Arcata, Calif.
95521

Moral question

Editor:

Last week I attended the debate between professors Paul Crosbie and Jacqueline Kasun. One of my questions was asked, but Ms. Kasun did not answer it.

It seemed to me as though she was saying certain words, such as abortion, masturbation and homosexuality, had the connotation of being immoral.

She didn't answer my question, but instead commented on a statement by Crosbie. She said that "since everybody is doing it, there is no reason to teach it in schools."

Then she went into left field and stated that modern sex educators are attempting to fill children with guilt feelings — the guilt associated with feeling that you

ought not to have children when you really want them. Pahaw!

So I ask my question again, Ms. Kasun. Is masturbation immoral? Also, please explain how children are to deal with guilt feelings they get when topics like contraception, abortion and masturbation are forbidden areas of discussion in school, and they ask themselves what's wrong with these things if we're not allowed to talk about them?

Forrest Stamper
graduate, forestry

'Ode to Parking'

Editor:

New Library Parking
What the hell is that?
What the hell is that?
I don't know what the hell that is....

Bill Gannon
senior, zoology



View from the stump



By STEVEN LERMAN
guest writer

Concern over the nuclear weapons race should no longer be left to left-wing types. Conservative and liberal, Communist and capitalist, all will die in a nuclear war.

Bruce K. Holloway, recent chief of the U.S. Air Force Strategic Air Command and consultant to the Pentagon's director of Defense Research and Engineering, said he is a "dedicated believer in putting all the talent and vigor and patience and persistence that our storehouse has to offer in controlling the arms race. If it is not somewhat brought under control, atomic arms will sooner or later be used."

The Strategic Air Command can produce unimaginable devastation wrought by a nuclear explosive power equivalent to more than 4,000 megatons of TNT. The nuclear weapon stockpile in the United States is the equivalent to every American having 120 tons of TNT in his closet. To put it another way, the nuclear arsenal can provide 15 tons of TNT for every human, which will annihilate a mountain, much less a person.

Most people have never known a non-nuclear world. From 1945 to 1955, the destructive power of a single bomb increased a million times. The world's annual military expenditure exceeds \$200 billion, yet it is not more secure than 15 years ago, when it spent \$160

Nuclear weapons: a losing race

billion or 25 years ago, when it spent \$65 billion.

From the 1960s to 1974, Mutual Assured Destruction (MAD) did deter the world from nuclear war. With MAD, each superpower had the ability to inflict massive destruction on the enemy population and industry, even if the enemy had already made a massive nuclear strike.

In 1974, the U.S.S.R. contained less than 100 civilian and industrial targets. The United States was able to instantly launch 5,800 nuclear warheads.

Each target could be destroyed 58 times, and each time destroyed with more than 32 times the power of the Hiroshima bomb. Such excesses make overkill look modest. The United States' power to rain nuclear warheads is roughly matched by the U.S.S.R.

In 1974, after 30 multilateral treaties and 10 bilateral agreements between the U.S.S.R. and the United States, the arms race gathered momentum. As long as the leaders believe a nuclear war can be won, overkill is not enough.

Neutron bombs, jets invisible to radar, laser-weapon satellites, "smart" bombs, automated battlefields, cruise missiles and more show that each side is now more than ever developing and improving all weapons of mass murder.

Neither super power can get an overwhelming advantage, because a nuclear war will result in the massive destruction of Loth, no matter who strikes first. Yet the super powers continue to build more

efficient ways of mass human destruction.

A nuclear terrorist or a mechanical defect or a government official who has a nervous breakdown or is irresponsible or the escalation of a small war, all can lead to an unintended nuclear war.

Today 13 countries can start a nuclear war. In 10 years, 20 countries will have this power. India proved that nuclear power reactors contain the raw materials to build nuclear weapons.

A low-cost deliverable nuclear warhead with a system of missiles and aircraft is well within the defense budget of most countries. The scientific and technical knowledge to build a nuclear weapon system is no longer a secret.

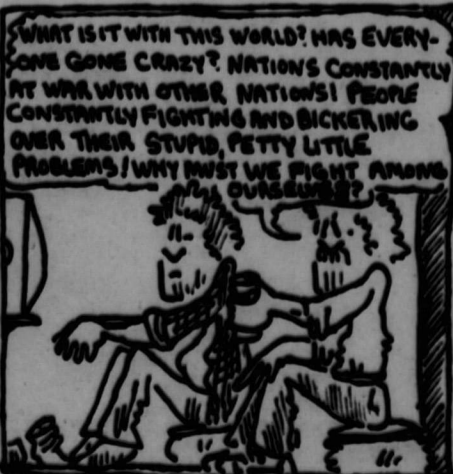
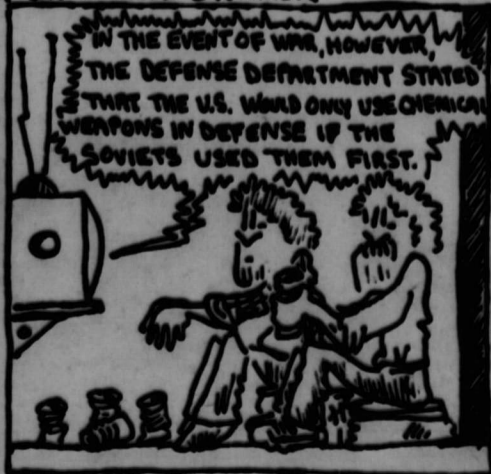
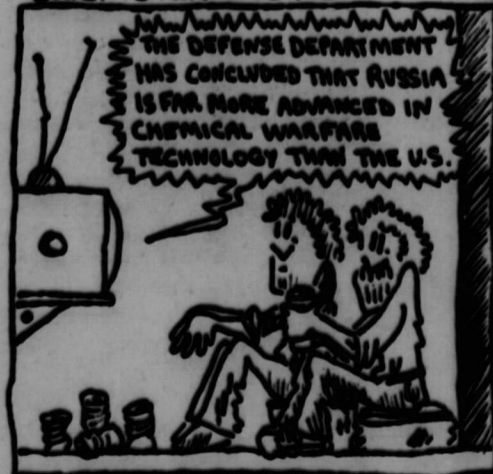
Nuclear weapons are an international status symbol. As the nuclear club expands, the possible ways to start a nuclear war explodes exponentially. The ways to end a nuclear war all follow vast human slaughter.

Historically, no weapon has remained idle for long. The present concept of a nation depends on a credible war threat. Eventually, it is required to use that weapon to maintain that threat.

When nuclear weapons are cheap and plentiful, nuclear war will become a common occurrence. Is that the world we want? Ignoring a problem of this magnitude will only make it worse. Those of conscience must speak out.

CHIEF STEAMING FILE

BY BRICKER and STUMMER



Bill may affect local fisheries management

By TOM WALLACE
staff writer

Fisheries management on the North Coast could be affected significantly if a bill now under consideration by a House of Representatives committee is passed.

Co-authored by Rep. Don Clausen (R-Crescent City), House Bill 6959 would establish two separate management committees to review fishery resource issues on the Columbia River and along the Washington coast.

The bill consists of a series of amendments to the 1976 Fishery Conservation and Management Act.

Tom Peters of the Humboldt Fishermen's Marketing Association, said North Coast salmon fisherman need more time to study the measure.

"It doesn't look good at this point," Peters said.

Speaking before the Humboldt County

Board of Supervisors earlier this month, Peters said the two new committees proposed in the bill would not only have authority over the existing management council, but would probably have a "negative effect" on fishing interests on the California coast as well.



Peters said the 1976 congressional act establishing the Pacific Fisheries Management Council was unfair to California commercial fishermen.

"The state's representation on the council does not measure up to the amount of coastline and river fisheries the state supplies to the ocean at large," he said.

Approval of the bill would result in "stacking management councils on top of each other," he said, and suggested that a broad coalition of all user-groups get together and draft a more favorable bill.

One of the amendments proposed by Clausen in the bill would establish a committee of representatives from the Indian communities along the Klamath and Trinity rivers, the California Department of Fish and Game, the Pacific Fisheries Management Council and others to address management plans not considered by the PFMC.

Peters criticized Clausen's amendment, saying no sport or commercial fishing interests could participate in management problems on the Klamath and Trinity rivers under its provisions.

Clausen spokesman Pete Settle said the amendment is valuable and necessary.

"Last summer's six-week closure of the commercial salmon fishing season on the North Coast indicates the need for a change," he said.

"Water levels are down, salmon populations are down and the rivers need to be cleared and cleaned up. You can't expect someone to regulate themselves effectively."

Salmon need to be protected from excess harvest by legal and illegal fishing, Settle said. Six illegal gill nets were discovered on the Klamath River during the first week of November.

Despite Settle's confidence in the bill, the Humboldt County Board of Supervisors recently sent a letter to Clausen expressing its reservations concerning the pending legislation, questioning whether the bill is in the best interests of the North Coast.

Campus recycling behind in paper chase

By APRIL GREEN
staff writer

Recycling of white paper has been hindered at HSU because of a "serious contamination problem," according to Mark Bowers, operations manager at Arcata Community Recycling Center.

Although recycling is a good thing, people must be more careful, Bowers said in a recent interview.

"It has to be a controlled type situation. We are allowed 1 percent or less of (unrecyclable) items, and with uncontrolled public access to the paper bins, we have to resign ourselves to going through them sheet by sheet."

Certain types of paper must be removed from the bins of white paper to be recycled before recycling can take place, he said.

White paper recyclable items include notebook paper and clean Xerox copies. Mailing labels and envelopes cannot be recycled because the glue on them is non-water soluble and will not break down in the recycling process. Slick paper and cellophane windows in envelopes also present problems.

Between 150 and 200 businesses recycle in the Arcata, Blue Lake and McKinleyville area, Bowers said, including the Arcata Co-op, McDonald's, Arcata City Hall, Bug Press, Hutchins Grocery and Redwood National Park's Arcata office.

Danny Einstein, coordinator for recycling at HSU, said the white paper recycling bins on campus are not being fully used because "people are just not

aware" of them.

Bins available for public use are located in the Wildlife Building, across from the faculty office; on the first floor of the Natural Resources Building; in the library, next to the copying machines; and in Siemens Hall at the bottom of the front stairwell.

"I am currently doing an inventory of all the white paper on campus," Einstein said. "I would like to teach a recycling philosophy to office people so they will know what can be recycled. My ultimate goal is to get goldenrod paper out of the recycling stream."

Goldenrod, a bright orange paper used in many offices, cannot be recycled because its dye makes the bleaching process in recycling too time-consuming and expensive.

Fluorescent blue and green dyes, often used in posters, also present a problem, Einstein said.

"I would like to let people know that I am available to explain in detail what is and isn't recyclable," Einstein said. "I will be coming around to offices to maintain the paper and to move it to the larger bins."

Einstein can also be reached through the Arcata Recycling Center at 822-8512.



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Open house provides industrial revelations

By MIKE BRIGGS
staff writer

"Giving students exposure to as many processes as possible" was the purpose of the industrial arts open house held on the HSU campus last week, Lecturer Jerry Havill said.

Tours were conducted by Havill as part of Industrial Arts Education Week. Several industrial arts majors assisted Havill with the tours and in answering questions from the public.

"We've had quite a few people show up," Havill said in an interview last week. "We're pretty pleased with the turnout."

"Traditionally, colleges have offered a liberal arts type of education," he said, "and when the students graduate, they find that they don't really know anything."

Students today seem to be putting more emphasis on having a marketable skill when they leave school, Havill said. Finding a job in this area is usually easy.

An industrial arts major can follow two options in the program. The first is an emphasis in a single area out of a choice of six offered at HSU. This option usually leads to a teaching degree, Havill said.

The second option is called the "industry option," and is designed to give the student

a "broad-based understanding of tools and how to use them," Havill said. It prepares a student for a mid-level management or small-business job.

"As much as 60 percent of industrial arts majors are in the industry option," Havill said.

"Most of these students aren't interested in teaching, so this option doesn't include the education classes that the other option does."

Industrial arts education includes woodworking, metals, electricity and electronics, drafting and power and transportation. HSU also offers classes in synthetics.

"The synthetics include plastics and fiberglass. But we also offer classes in crafts, such as leatherworking," Havill said.

"We're not trying to produce metal workers here. There is a definite difference between industrial arts as we teach it and vocational education."

"Through the variety of our programs we are trying to give the student a wide understanding of the processes," he said.

Other schools in the United States are heading in five or six different directions, but HSU seems to be heading toward technology, Havill said.

"The reason for this is very apparent.

Most of the students here are involved in higher math and computers. Therefore, there a lot of links between the sciences and industrial arts."

"Some students will take an architectural drafting class just so they can apply it to a solar power project that they are interested in," Havill said.

The philosophy of HSU's program is similar to those of other CSUC schools, Havill said, but it does vary though in the sense that the program is in a state of transition. Enrollment and employment in this area were responsible for the transition.

"Several industrial arts jobs are not being filled and probably won't be filled because there are not enough people to fill them," he said. "Many of the graduates in industrial arts have a hard time finding jobs because employers don't just look at the degree anymore; they look at the courses."

Because of the mid-level management approach that HSU takes, "many doors are opening here that aren't in other places," Havill said, because HSU is environmentally oriented.

"Industrial arts classes have vast numbers of non-majors in them. Many

people take, for example, an architectural drafting class so they know what to look for when they buy a home and not get taken."

Enrollment in industrial arts classes at HSU is "stable," Havill said. The program has shown only a slight increase in the past few years.

"The main difference in our program is that most of the industrial arts majors are junior college transfers."

Havill cited both the scenic and academic attractions of Humboldt County as reasons for this trend.

Jenkins Hall houses most of the department's labs.

"We have as many as 60 people in the drafting lab during classes. There is definitely high utilization of the building," Havill said.

The labs include those for welding, metal work, drafting and electronics.

"In the beginning classes, we are trying to give the student a learning understanding of as many areas as possible," Havill said. "Each beginning class has four or five different areas, and many students pick up interest on one or two and proceed on to the higher classes. It's kind of a mushroom effect."

KHSU marathon needs friends

By STEVE HAMLIN
staff writer

KHSU-FM relies on its friends.

Nearly half the 10-watt station's funding comes from the "Friends of KHSU," donors during the station's annual marathon held to help defray the station's operating costs, marathon coordinator Cindy Rawlings said.

Station personnel are planning the second annual "Friends of KHSU Marathon," a week of events, shows, contests and an auction to help pay for programming, records and keeping the station on the air, Rawlings said.

The marathon begins Saturday, Dec. 6, with a KHSU retrospective, a look at the music, news and shows from KHSU's past 20 years.

Live music begins Sunday from 2 p.m. until midnight. The J. Wood Band, Espree, the Strand Band, Take Two and the HSU Fusion Band will appear at the Arcata Veterans Hall; KHSU secretary Rebecca Lind said there may be others. Admission is \$1.50 and includes dinner.

A review of the music, shows and top news stories from 1980 will be given Monday.

Tuesday will be old-time radio day.

Phone-in your favorite joke on Wednesday, comedy day, then phone-in your bid in the KHSU auction, which runs Wednesday and Friday nights and all day Sunday.

World music will be featured on Thursday, with music from Jamaica, Chile, Portugal, Ireland and a live broadcast of the Collegium Musicum — classical medieval and renaissance music of Europe.

Date a DJ or be a DJ for a day, Friday, when the contest winners are chosen.

Entries for the "Date-a-DJ" contest must be 25 words or less and tell who you desire to date and why.

Prospectives for "DJ-For-a-Day" should send their entries of 25 words or less to KHSU, explaining why they want to be a DJ in a half-hour sweep. All entries should include name and phone number.

Saturday's broadcast will be the usual opera, plus programs for kids. A sock hop will be held Saturday night at the Rathskellar beginning at 9. Costumes should be worn.

DJ Pete Moss will attempt to stay awake and on the air 18 hours, playing all Sunday long.

A potluck will be held in Redwood Lodge Sunday at 6 p.m. for all the friends.

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Withdrawal pains Little 'substantive' change in CSSA after HSU's exit

By CHRIS CRESCIBENE
staff writer

Although the withdrawal of the HSU Associated Students from the California State Student Association caused some reassessment of the organization by some of its members, it has not led to any substantive changes, according to both CSSA and HSU student leaders.

"Although HSU made a lot of waves when it pulled out (in January), it didn't really change CSSA, its members or their way of thinking," AS Vice President Barry Savage said in a recent interview.

AS President Alison Anderson said that prior to attending a meeting of the lobby in early November, which represents student governments of the 18 other California State University and Colleges system campuses, she had heard rumors that some changes might be made.

"I had heard a lot of talk, but the recent meeting indicated to me that no changes were being effected," she said in a recent interview. "I was pretty disappointed."

However, Anderson said she has not lost hope and that she has received some indication CSSA members are reassessing their organization's policies.

"(Other association members) were very cooperative and interested in what we had to say (at the meeting)," she said.

Bill McKenny, student body president at California State College at Stanislaus, and a CSSA member, agreed there is some reassessment going on in the association.

"HSU has put the organization into an interesting position," he said in a telephone interview last week. "And it's not a bad position, because we're thinking."

But Nancy McFadden, San Jose State's representative and chairwoman of the CSSA, said HSU's withdrawal has not had much impact on the CSSA, nor has it really affected its ability to represent CSUC students.

"As far as achieving (the group's objectives), no, it hasn't affected us," she said.

"It has caused some reassessment. I would definitely like to see an association of all 19 campuses rather than just 18."

The main reason HSU withdrew, Anderson said, is because although CSSA changed its name a couple of years ago from the California State Student Presidents Association, it still is made up almost entirely of CSUC student presidents and therefore does not represent the "grassroots" student population.

This is still CSSA's chief problem, she said.

"It's oligarchically structured," she said. "It draws from the higher ranks, which detracts from its legitimacy."

At the CSSA meeting at which HSU announced its withdrawal, then AS president Tom Bergman said "CSSA ... consists solely of a student minority, i.e.

student government," according to a synopsis of his remarks provided by Anderson.

"A grassroots organization must transcend student government ... " and represent "students who participate within the many differing clubs and organizations on our campuses," Bergman said.

"A grassroots organization must be democratic and allow for direct access and participation. Additionally, a grassroots organization must be decentralized and the benefits should go to the different groups."

CSSA would be much more representative of the grassroots student population if it were to consist of representatives directly elected by each of the campuses, rather than student presidents, Anderson said.

"It's a huge job (to be a CSSA representative)," she said. "If a president is going to be active in CSSA, then I don't think he or she can give adequate time to the presidency."

For this reason, she said, HSU student presidents in the past have delegated the responsibility to the vice president, which makes HSU's CSSA member even less representative of the grassroots student body. This is a practice which has been followed at many other CSUC campuses.

Because CSSA does not represent the grassroots students population, HSU student leaders decided they could not justify spending \$1,000 a year in dues to the organization and as much as \$250 each month to send a representative to the group's meetings, more than half of which are in Southern California, Anderson said.

McKenny said he can understand why HSU student leaders believe CSSA is not a grassroots student organization.

"But I feel it is — if indirectly," he said. "Granted, no one else goes to the meetings besides the presidents, but the things we accomplish affect all students."

McKenny also said he can see why one might believe CSSA's Executive Committee might have too much power and that the association is, as Anderson said, "oligarchically structured." The committee consists of a chairperson, vice chairperson and controller elected from among the group's membership.

"I don't believe there is a perfect check and balance (between the committee and

other CSSA members)," he said, "but I believe it is sufficient in that the Executive Committee is not ruling the organization."

All items dealt with by the committee come up before the full body for approval, he said.

McKenny agreed with Anderson that it is impossible to do an adequate job both as CSSA president and student body president.

"If you spend a sufficient amount of time with CSSA, you won't spend a sufficient amount of time on your campus," he said.

But he did not agree with Anderson's proposal that all CSSA representatives be elected directly by the students.

He said it was "inherent in the position"

that the student body president be the campus' representative to CSSA.

"When you elect a president, you're electing the person to CSSA," he said. If the responsibility is to be delegated, that should be made clear during the campaign.

Under the CSSA constitution, a campus can choose to have a directly elected representative, McKenny said.

"There's nothing saying Humboldt can't do that. If Humboldt wanted to, it could," he said, adding that he agrees with this policy. "It should be up to the individual campus."

The one campus that has decided to have

(Continued on page 9)

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CSSA representatives reassess policies

(Continued from page 8)

a directly elected representative is San Jose State. But that campus' representative, CSSA chairwoman McFadden, said she does not believe every campus should be forced to do so.

"Our association doesn't like to mandate what local campuses should do," she said. "Some campuses have the (student) president be the statewide representative and have someone else deal with the campus."

She suggested direct election of the representative might be something HSU should consider if it were to rejoin the association.

McFadden said she can understand HSU's view that CSSA does not represent the grassroots student population.

"In some ways that may be true. It's up to the individual representatives from

each of the campuses to not vote (at CSSA meetings) without getting input (from students).

"On many campuses, the representatives do a very good job of getting this. On some campuses, the students are very much aware (of student issues). On other campuses, (student awareness) isn't that great."

McFadden said the association has made some recent efforts to reach out to the grassroots, citing CSSA's voter registration effort and drives to get student input on legislation in both Sacramento and Washington, D.C.

Although this year McFadden is San Jose State's representative only, last year she was both student body president and CSSA representative and was able to effectively combine the two jobs, she said.

"I always made it very clear to the association that my local campus was the

priority," she said.

She acknowledged the expense and inconvenience HSU has in traveling to the association's meetings.

"It's definitely harder for HSU to travel to the meetings than someone from, for example, my campus, San Jose State," she said.

HSU missed several meetings last year when it was still in the association, she said, and sometimes it was represented by Bergman and other times by Susan Weyl, AS vice president at the time.

"HSU's inconsistency in representation was a tremendous problem," she said.

However, McFadden said she told Anderson at the meeting earlier this month that CSSA would try to help HSU with its travel problems if it decided to rejoin CSSA, possibly by holding more meetings at HSU.

Anderson said the idea of a statewide

organization representing CSUC students is a good one.

"I fully support the concept," Anderson said. "It's extremely appropriate considering that we're a state-funded institution."

Vice President Savage agreed. "To unite as students is a damn good idea," he said. "The association does have a track record — if it could only get its act together."

He suggested there is an alternative, however.

"Students could have a good voice if every AS writes letters" to legislators on issue that concern them, he said.

Anderson said HSU student leaders are considering helping form an alternative lobbying organization among Northern California state and community colleges, but not action has been taken beyond the discussion stage.

Crafts fair returns

The Fourth Annual Children's Christmas Faire will be held Dec. 7 from 10 a.m. until 4 p.m. at the Arcata Community Center.

Applications are now being accepted from creators of child-oriented crafts, toys or gift items to reserve booth or table space.

For further information call Michael at 822-0167 before Nov. 27.

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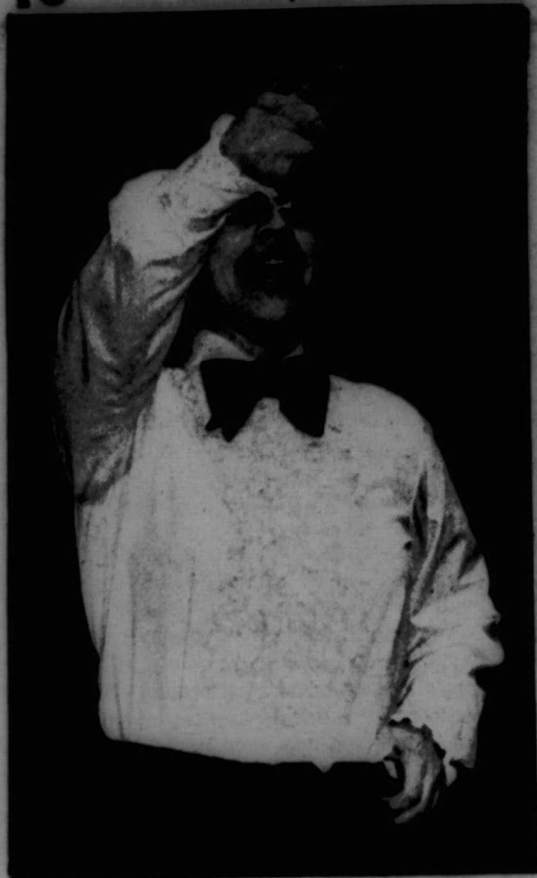
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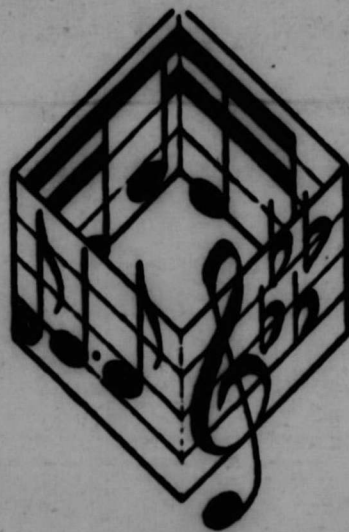
MADLINE SCHATZ, symphony conductor, looks for "about 100 things" during the Wednesday night practices. Periodically she stops the group to make suggestions.



...**KEVIN ALMEIDA**, bass player, repeats the passage.



...**"URASHAN" MARGARET POLLOCK**, counts out the rhythm.



Taking of the y



FRENCH HORN PLAYERS Mitch Scott, Craig and Mario X. Soberanis work together to get a balanced sound.



THE SYMPHONY HAS BEEN REHEARSING for its Dec. 12 and 13 concerts. Rossini's "William Tell Overture" and Copeland's suite from "Billy the Kid" will be performed in the Van Duzer Theatre at 8:15 p.m.

om "Billy
tion.



MAKING THE MUSIC EXCITING means doing more than playing notes. Cellists Wendy Carpenter and Julie Bradfield concentrate on creating a mood.

ngnote e symphony

THE SYMPHONY is not a required course. members are there because they want to be. Some, like viola player Penny Kopriva, aren't students. As well as being a musician, Kopriva is raising a family and works as a deputy probation officer.



nd 13
from
p.m.
om "Billy the Kid" has a gunfight scene featuring the per-
son.



Appropriate Technology: Matching type to task

By **SCOTT TERRELL**
co-director
Campus Center for
Appropriate Technology

Editor's note: This is the fifth in a series of articles related to appropriate technology. The first article was a brief summary of what appropriate technology is about. It was followed by an article on the sun and how it is the driving force for most appropriate technology-related energy sources. The third article dealt with the history of energy use and technology and how people's ideas were an integral part of the development of these. The last article was about scale, size and suitability to local conditions of appropriate technologies.

Most environmentalists would probably agree that power derived from the process of nuclear fusion would be the most reliable means of meeting long-term energy needs. The question, is what kind of nuclear fusion do we want?

There are basically two types of nuclear fusion reactors being developed by industry. Did you know that the sun is also a nuclear fusion reactor?

The sun's nuclear fusion reaction occurs deep in the interior of its core. The reaction occurs when nuclei of hydrogen, carbon, nitrogen and oxygen interact. The net result is the fusion or combining of two hydrogen nuclei to produce a helium nucleus plus some high energy particles.

The end product results in a net loss of mass, and the lost mass is converted into a highly concentrated and powerful form of energy. The nuclear industries' experimental fusion reactors work on the same principle.

One of the main differences between these two types of reactors is that one occurs naturally and one is manmade. Another big difference is that the sun's nuclear reactor is 93 million miles away, whereas the industries' reactors may only be several miles away from home.

Temperatures required for fusion reactions are in the neighborhood of about 100,000 degrees Fahrenheit. With such high temperatures, there is no known proven way of containing the plasma produced by these reactions. Magnetic fields have been proposed as a solution to contain the fiery, hot plasma, but there is still no evidence that this will work.

Until there is substantial proof that such a method will work, we would be a lot better off using the fusion reactor that is 93 million miles away.

One problem suggested by those who oppose solar energy is that it is too diffuse to perform the functions that our present concentrated forms of energy can. But do we really need these concentrated forms of energy that produce high heat capacities per unit size?

Fifty-eight percent of the energy we use today is required for heat only. This figure, roughly split 23-35, represents the percentage needed for temperatures above and below the boiling point of water.

Residential space heating could easily be done in most areas and solar can even produce high temperatures, plenty sufficient for most industrial needs, as evidenced by the French solar collector that produces 6,000 degrees Fahrenheit.

Fossil fuels can easily accomplish these tasks, but two-thirds of every unit of energy that is converted into electricity for this use is lost. Only 8 percent of our energy needs today need to be met by high-quality energy uses such as electric motors and lighting. But we use 13 percent of our energy for this electrical conversion, which requires the use of 29 percent of our fossil fuels.

The idea that the quality and type of energy can be matched with the task is known as "end-use." Amory Lovins, one of the leaders of the appropriate technology movement, points out that all of our high quality energy needs requiring electricity could probably be met by hydroelectric power and cogeneration, which is making use of

energy from industry that was considered waste.

For example, many sewage treatment plants now capture the methane produced by their plants from the waste and use this for energy. Are we as dependent on fossil fuels as we need to be?

Since the sun has large capabilities for producing power, do we really need manmade fusion reactors?

Much of our energy requirements do not require high quality energy. Can we make more effective use of our energy by matching the quality and type of energy to the task?

As Amory Lovins puts it, "People do not want electricity or oil, nor economic abstractions as residential services, but rather comfortable rooms, light, vehicular motion, food, tables and other real things."

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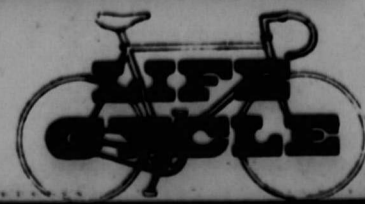
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Nutrition— From the Bottom of the Bowl

By BRENDA MILLER
staff writer

The Arcata Juice Club is not really a club in the ordinary sense of the word. It is a tiny shop on 18th Street from which the pints and quarts of fresh juices at the Co-op and The Whole Earth Natural Foods Store originate.

At the juice club, owner Steve Plant manifests a personal and spiritual goal: "to give people good food."

I talked with Plant at the shop while his assistant, Scott Oberlies, straightened up after the morning's work. The club is open from 7:30 a.m. to 10:30 a.m. — time enough to produce about 25 quarts of carrot juice and about 15 pints of other kinds of juices.

Plant handed me a glass of freshly made carrot juice and talked about his philosophy of the business.

"The time has come," he said. "People are learning that they can't eat de-natured food all their lives and be healthy. They're starting to go the other way."

People have grown accustomed to eating foods that have little or no food value, he said. Raw fresh juices are a drastic change from that trend and are a "catalyst for healing."

Raw juices are a concentrated form of nutritionally sound foods, according to Plant.

"They're really high in a nebulous factor called 'Life.' This juice is still alive." A person drinking the juice incorporates this high energy into their own system.

With most commercial juices, he explained, the manufacturers "make the juice and then they kill it" by putting it through a heating process. Plant said there is an "innate life in juice that is destroyed when it is pasteurized."

Fresh, raw juices are effective, he said, in cleansing the body and eliminating pollutants. The key words, however, are "fresh" and "raw."

The Arcata Juice Club puts out fresh juice daily and uses organically grown produce when possible, Plant said.

The juicing is a two-step procedure. When making a batch of carrot juice, for example, the carrots are cleaned and the ends are cut off. After passing through a grinder which makes them into a pulp, the carrots are placed in flat cloth bags and squeezed through a press. The juice squeezes through the fibers and the pulp remains inside.

Plant said this is the best method of juicing because little or no air gets mixed in with the juice. This decreases the possibility of oxidation which would lower the vitamin content and cause the juice to spoil faster.

"Our juice has a shelf life of about a week," he said. Juices made with other juicing methods, such as centrifugal force juicers (juicers which employ a rotating blade and emit both pulp and juice at the same time) usually have air mixed in, which requires that the juice be drunk within a few hours.

In comparison to frozen or canned juices, fresh juices are expensive.

"But I can't think of anything more relevant than buying good food," Plant said.

Although an electric juicer can cost anywhere from \$50 to \$600, Plant called it an investment.

It's a matter of priorities and perspective, he said. One may be putting out more money by buying a juicer, but also receives "more energy, more nutritive value" per dollar.

Plant sells juice to individuals in the shop and also is the primary supplier of fresh juices to the Arcata Co-op and The Whole Earth Natural Foods Store.

"I'm not out to make a killing," he said. "I'm just letting it happen. It feels like such a nice energy thing to do. It'll do it without me making it happen."

Before leaving to deliver the morning's supply of juices, Plant gave me a recipe for something he calls the "Morning Malt."

"Take some carrot-apple-celery juice. Grind up some sunflower seeds, and blend the two together. There you have it. The Morning Malt," he said.

"I feel real fortunate to be able to give people high-quality food," Plant said. "I feel it's grace. It brings the high energy up to the surface."

I drained my glass of carrot juice and left the shop, my energy bubbling over.



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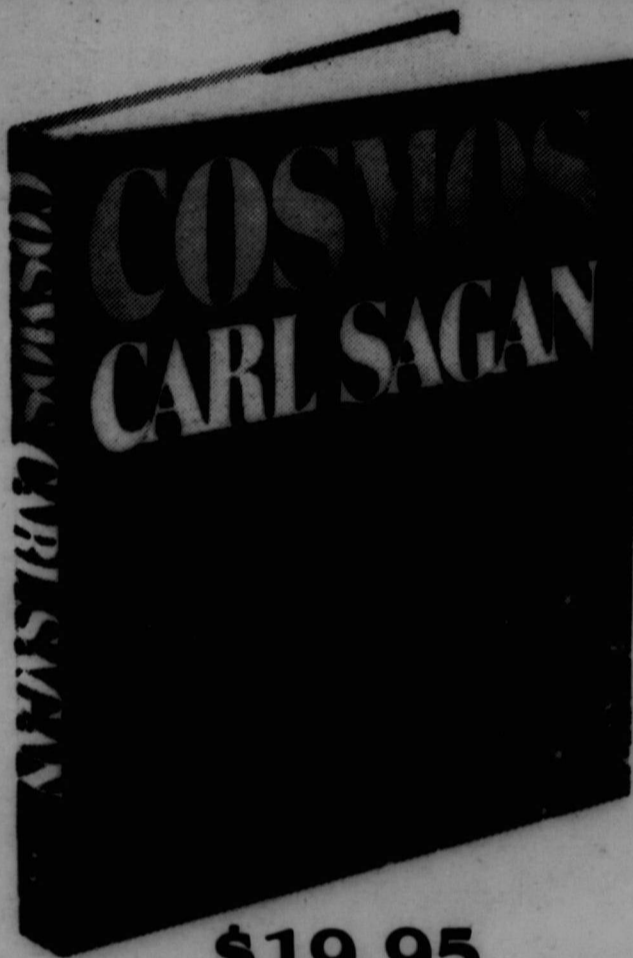
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Musements

review

Etta shakes blues home

By MICHAEL MAY
guest writer

After Etta James took the 8 o'clock crowd at Jambayla to the limit, it was understandable why she needed time to cool down between sets instead of chit-chatting with a reporter.

She worked hard, using her grab-bag of rock, blues and soul and melding it with her racy stage appeal.

Etta hammered home the blues with "I'd Rather Go Blind," and put some God-fearing gospel into her version of the Eagles' "Take it to the Limit."

With some songs, Etta (dressed in black pants, boots and smock), teased the crowd, rubbed between her legs, bit down on her bottom lip and grinned like a street-corner hustler.



ETTA JAMES rocks and rolls when the blues run dry.

The next moment she would flash a dimpled choir smile and shake her cropped auburn afro, seeming to ask, "Ain't the blues funny?"

Yes, Etta and her band worked the 8 o'clock crowd for response; some hooted, some danced (when she suggested they dance) and some sat subdued, just listening to Etta sear through an Otis Redding medley of hits that ended the first show.

Although the clapping for more Etta was steady, it wasn't desperate, and one desperate man urged those within earshot to clap louder. When the band came out, he turned to a couple next to him and said, "Thanks for clapping. I was wondering about this audience."

The Etta James Band broke loose with the Rolling Stones' "Miss You" and, after the encore, the crowd began to leave.

Some of those leaving muttered about the short set, others about the dancers blocking their view of Etta on stage and others were still subdued.

Etta must have been wondering too, because midway through the second show, she asked the 10:30 crowd, "Are you guys going to complain on the way out?"

The second crowd, quicker to respond to her lewd stage moves and bluesy banter, didn't complain. So Etta worked less on pleasing and more on rocking and rolling.

Etta built a new rapport with the 10:30 crowd. Instead of relying on cheer phrases — "The further north you get, the hipper it gets and are you guys horny?" — Etta got more personal.

Before she put her soul into "All the Way Down," she told the crowd about her past heroin addiction and how "this dude wrote this song so I would remember."

When she got around to "Sugar on the Floor," Etta closed her eyes for the first time that evening and gave the audience the bluest blues.



BLUES SINGER ETTA JAMES pouts and shakes in her racy stage style.

And when the blues were gone, Etta concentrated on rock'n'roll.

At one point, she suggested to the tanked-up crowd that they knock over some tables to make more room for dancing. Luckily for Jambayla, the crowd knew she was joking.

For those who missed Etta James and her band, don't worry — she promised she would be back.

review

Flutists synthesize heaven

By KAREN LUTTRELL-LANGDON
staff writer

Latecomers to the Emerald Web concert Saturday night may have been surprised to find bodies sprawled across the carpet and drowsy heads resting on cushions, all in the tranquil world of fantasy music.

Soothing echoes of flutes, synthesizers, woodwind tones and occasional female harmony created the ethereal mood in the Kate Buchanan Room.

Flutists Kat Epple and Bob Stohl were the talented performers of the show. One soft footlight and an unobtrusive red laser, stage left, were their only visual accompaniments.

The two were far from alone on stage, however. Partners in music with various instruments and computerized machines, the marriage of human talent and computer miracles resulted in what Stohl described as "healing music."

What the crowd of 50 or so lucky earthlings heard that night is hard to describe.

"Feeling" adjectives seem to come closest — peaceful, calm, floating feelings of freedom, love and nature.

Stohl said the music is "meant for people to travel with in their minds."

He and Epple have been together eight years, and first became interested in this type of music when they took an electronic music class at the University of Southern Florida.

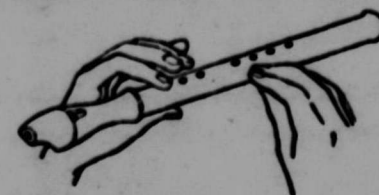
Of the two, Epple communicated the most with the audience during the two-hour performance, and told them the group has recently relocated from Florida to Berkeley.

One of their songs, "Valley of the Birds," is written about where they live, "a beautiful forest where birds

come to play and die," Epple said.

The song, which she said was finished the same day of the concert, conjured fluttering images of birds in flight in my "mind travels."

All of Emerald Web's songs have envisionistic titles, such as "Nightshade Dance," "Rainforest," "Watertones," "Starsail" and "Selfless Sorcerer."



Some of the instruments and machines the group uses are:

— A Lyricon, which Stohl described as a very intricate synthesizer used mostly by woodwind players. He said it has a five-octave range and the capacity to mimic the sound of almost any instrument.

— A Shakuhachi flute which, Stohl explained, originated in China and spread all over the Orient. It was used for self-defense and Buddhist meditation.

— A Digital Sequencer, which is a computer capable of remembering up to 144 notes played into the keyboard.

— The Kalimba ("African thumb piano") and the "Ozark thumb drum," which are simple-looking hand-held instruments capable of beautiful tones.

Stohl said he likes all kinds of music, not just the peaceful sort which he and Epple produce. The group has done session work for musicians of varied styles, including Randell Chowning of the Ozark Mountain Daredevils.

(Continued on page 15)



Air Supply

Air Supply, one of the nation's top recording groups, will perform in concert at HSU on Sunday at 8 p.m. in the East Gym.

They have toured with Rod Stewart, and their top-10 singles include "Lost in Love" and "All Out of Love."

Tickets are \$7 for students, \$8 general and are available at the University Ticket Office.

Familiar Poets

For anyone planning to be in the Bay Area over Thanksgiving and looking for some Humboldt County "fixins": The Same Old Poets — John Ross and Jerry Martien — will be reading their works at San Francisco's Keystone Korner, 750 Vallejo St., on Sunday, Nov. 30 at 4 p.m. Cost of admission is \$3.



Blue Monday is day for joyful jamming

By ROY KAMMERER
entertainment editor

The Chicago bluesmen don't head home on their Monday night off — they hit the clubs where jam sessions celebrate what life and the blues are all about.

This "Blue Monday" tradition of spontaneous jamming has been established in Humboldt County by the Street Rhythm Band, a group composed of veterans drawn from local bands like Rockhouse, Caledonia and Airhead.

Some of the players sitting in on the jam sessions are graduates of those Chicago affairs.

"The whole thrust of what I'm trying to do is bring the spirit here of what I experienced in Chicago — bring a joyous night of music, basically," said Paul DeMark, who plays in the Street Rhythm Band and organizes the events.

In the Chicago tradition, great bluesmen like Muddy Waters and Howling Wolf will play next to any musician who can hold their own. If an unknown steps up from the audience to steal thunder from more renowned players, well, that's part of the occasion.

"I found it to be a warm, spontaneous celebration. As long as you can hold your own, they'll jam with you," DeMark said.

The Humboldt Blue Mondays, scheduled approximately every three months, have their own flavor. The Street Rhythm Band rehearses a few days prior to the event, then plays two sets that jump between blues, Memphis Soul, festive March tunes, and driving rhythm and blues.

At the end of the audience will be called up to play in the third set.

"I'll say, 'What song do you want to do?' 'Ok, what key?' DeMark snapped his fingers. "Then we'll go do it."

To avoid pandemonium, he won't call people up indiscriminately. The last Blue Monday, hosted by the Mad River Rose in Lake Lake, taught him that lesson.

The last one we had four guitars and three horns on stage at once. It was wild, but this time I want something less

chaotic," DeMark said.

Blue Mondays were started more than a year ago, with the next one scheduled next week at Eureka's Old Town Bar & Grill. The special guest will be Dr. Harry Duncan of San Francisco, who works with Van Morrison.

DeMark and Duncan, both veterans of Chicago's Blue Mondays, got their start with legendary blues figure Sunnyland Slim, and have since played with Paul Butterfield, Albert Collins and Mike Bloomfield.

The Street Rhythm Band is composed of DeMark, Leonard Crawford, Chuck Garrett, Chazz Horn, Don "White King D" Hunter and Dan Vineyard.

"There's very few situations where you can just bring this person on stage, say 'ban' and then hit it," DeMark said.

The next Blue Monday held at the Old Town Bar and Grill will run from 9 to 1:30 p.m. The admission is \$3 at the door.

- Flutists

(Continued from page 14)

They have also done TV jingles and have worked for about five different major record labels, he said.

Their album, "Dragon Wings," Stohl said, "is more intense than meditational music. It is a fantasy suite."

The duo's records are on sale at the Oasis bookstore in Eureka. Owner Michael Dennison said their tape, "Whispered Visions," is the best selling tape in the store.

Epple told the audience at one point, "Thank you for coming and sharing this musical experience with us. We always enjoy playing, especially in this area."

Hopefully Emerald Web will return to HSU so more people can experience their delightful "music of the spheres." You've got to feel it to believe it.



FIDDLE EXTRAORDINAIRE PAPA JOHN CREACH turns in a touching version of Ray Charles' song "Georgia." He played to a full crowd last night in John Van Duzer Theatre.

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Coffeehouse Concert, Peter Wilson, 8:00 p.m., Rathskeller, free.
 Concert, Rolling Bob at Bret Hartes through Nov. 22.
 Workshop, "Journal Writing Techniques," Lake view room at College of the Redwoods from 7-10 p.m., 1/2 unit of credit is available, free. To register call 443-8411, ext. 360.

Thurs., Nov. 20

Lecture and Slide Show, with the Mono Lake Committee. Kate Buchanan Room, 7:30 p.m., donations will be requested, no formal charge.
 Film, "Never Underestimate the Power of a Woman," noon to 1 p.m., NR 203.

Fri., Nov. 21

Piano Concert, Ronald Graham, College of the Redwoods, 8 p.m., free. Reservations are required, call 443-8411.
 Clamming, leave from Arcata City Hall at 3 p.m., return at 7 p.m., \$2 per person. For more info. call Brian at 822-5951, ext. 20.

Cinemathèque, Alfred Hitchcock's "Strangers on a Train," 7:30 p.m., \$1.50; and "The Harder They Come," 10 p.m., Founders Hall \$2.
 Show, "Full Moon Panic," Benefit for the Cinema Association with Mycol and the Attitudes, Improved Drones and the Cutouts; HSU Rathskeller, 8 p.m., \$1.50. The show will also be broadcast live on KHSU-FM, 98.5.
 Concert, Jerry Moore and Friends in a program of standard works for Jazz Combo, 8:15 p.m., Humboldt Cultural Center, \$2.50 general, \$1.25 students and seniors. For more info. call 442-2611.

Play, John Orlock's "Indulgences in the Louisville Harem," 8 p.m., Pacific Art Center, 1251 9th St., Arcata \$4 general, \$3 with student I.D.

Sat., Nov 22

Cinemathèque, Henry Fonda in John Steinbeck's "Grapes of Wrath," 7:30 p.m., \$1.50; and "The Harder They Come," 10 p.m., Founders Hall, \$2.
 Concert, Jazz Ensemble, 8:15 p.m., Van Duzer Theatre, free.
 Workshop, "Scriptwriting," 9 a.m. - 5 p.m., College of the Redwoods staff lounge, 1/2 unit of credit is available, free. To register call 443-8411, ext. 360.

Pun-Off, at the Eureka Inn. This year, television's "Real People" will be there to capture all of the Fourth Annual Humboldt County Pun-Off activities.

Play, "Indulgences in the Louisville Harem," See Friday Nov. 21.
 Dance Benefit, new modern, jazz and ballet at Mateel Center in Garberville. After the performance, Tambo will provide music to dance to. Doors open at 7:30 p.m., performance begins at 8:00 p.m., \$4 in advance, \$5 at the door. Tickets are available at Singing Salmon Music, Garberville and Mad River Dance Co-Op, Arcata.

Sun., Nov. 23

Cinemathèque, Bette Davis in Lillian Hellman's "The Little Foxes," 7:30 p.m., Founders Hall, \$1.50.

Mon., Nov. 24

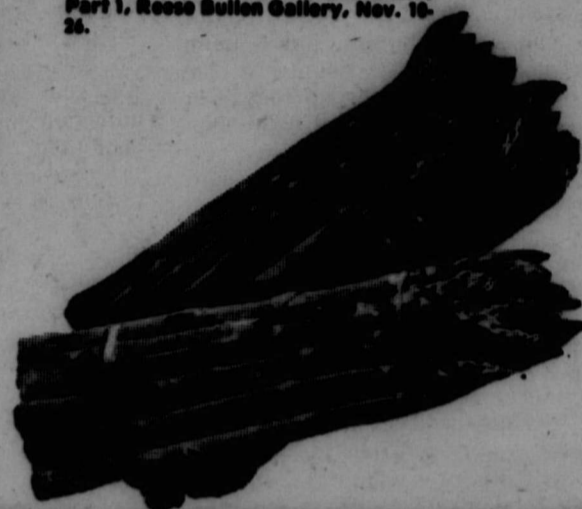
Concert, Brian James at Bret Hartes, Jacoby Storehouse, Arcata.
 Lecture, on the eruption of Mt. St. Helens, Founders Hall room 152, 9 a.m.

Tues., Nov. 25

Concert, TBA at Bret Hartes, Jacoby Storehouse, Arcata.

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X-country wins national title

Three 'Jacks named All-American

By CHRIS SMITH
staff writer

The men's cross country team won the first national championship ever in the history of HSU athletics this weekend.

The team was led by Mark Conover and Dan Grimes in second and third place individually and Frank Ebner in 13th. All three qualified for All-American honors.

The 'Jacks margin of victory in the NCAA Division 2 meet was only five points — 115 to runner-up Pembroke State of North Carolina's 120, with Cal Poly San Luis Obispo, last year's champions, in third place with 132.

This is HSU's first year in Division 2 after moving up from the non-scholarship Division 3 at the end of last spring.

In a cross country race, the team with the fewest points is the winner. Points are awarded to the top five finishers on each seven-man team. Each runner scores the same number of points as that runner's place.

The combined score of Conover, Grimes and Ebner was only 18 points, helping the 'Jacks win the title, even though some schools placed their fourth and fifth finishers ahead of the 'Jacks' Tim Becker and Roger Innes, fourth and fifth place finishers, respectively.

"I'm totally in shock," HSU Coach Jim Hunt, NCAA Division 2 Coach of the Year, said the day after the race. "Everyone came through; they all did it."

The team had a few anxious moments as it waited for the official results of the close team race.

"I knew we were good up front," Hunt said, "but it's hard to tell when the bodies are going by so fast."

"We were sweating it out," Conover said of the 20 minutes after the race when the official results were being compiled. "We didn't want to start celebrating too early."

Hunt recalled four years ago when one of his teams began celebrating too early, only to learn later a mixup had occurred in the unofficial results and that it had finished second.

Both Conover and Grimes had some trouble early on in the 10,000-meter course race in Kenosha, Wis.

"It was really cold," Conover said of the race-time temperature of 36 degrees Fahrenheit. Conover wore gloves, a T-shirt and Vaseline over much of his body in an effort to keep warm.



MARK CONOVER, second in the NCAA division 2 national meet, works out on the trails behind HSU in preparation for the meet.



HSU'S NATIONAL CHAMPION CROSS COUNTRY TEAM displays their trophy. They are (left to right, bottom row): Steve Kretsinger, Dan Grimes, Frank Ebner, (top row), Wayne

Arrison, Roger Innes, Tim Becker, Coach Jim Hunt and Mark Conover.

From the start, Conover and Grimes both went out with the leaders; then Grimes began having trouble.

"It was so cold that my eyes started watering," Grimes said. This, along with some very loose footing near the start, almost meant a spill for Grimes.

"I almost fell at about 200 yards. I just caught my balance (as I was falling)."

After the first mile, a large pack led the nearly 200 racers from 35 schools around the wide, grassy course.

For the next mile, the pack was thinned down as only the best runners could stand the sub-five-minute mile pace.

At two miles, a runner from Pembroke, Garry Henry, broke away from the pack. Grimes, along with Mark Curp from Central Missouri and Steve Alvarez of UC Riverside, also began to pull away from the group.

Conover stayed back, still fighting the cold, he said.

Grimes still trailed Henry. "He had about 50 yards on me when I decided to go after him," Grimes recalled. "When I decided to let him go, he had 100 yards. I was running as hard as I could and he was pulling away."

Grimes had taken command of second place halfway through the 6.1-mile race.

Then Conover began moving. He caught Curp just after halfway to move into fourth.

"I caught a lot of the Eastern runners on the hills," he said, attributing this to the hillwork he has done on his own and with the team.

Conover then passed a rapidly tiring Alvarez and worked his way up until he was side by side with Grimes at the four mile mark.

"It felt good, just us two from Humboldt running along," Conover said.

The pair ran together until just past five miles, when Conover pulled away to take second.

"I just blasted the last mile," Conover

said, even though Henry had first place almost sewn up.

"You still try your hardest," Conover said. "The guy could have been just up around the next turn with a broken ankle for all I knew."

Henry beat Conover by almost 40 seconds, 29:32 to 30:11. Grimes was eight

"I'm totally in shock. Everyone came through; they all did it."

seconds behind Conover in 30:19, but said he was totally satisfied with his race.

"Third is a good place in Division 2," Grimes said, adding that his mid-race run against Henry had nothing to do with the fact that Conover out-kicked him.

"Mark kicked and I chose not to," Grimes said. "We had second and third clearly, and we're both on the same team."

After the race, when it became known to Conover and Grimes that Henry was actually a 25-year-old foreigner running in the United States on a scholarship, their opinions on the matter differed.

"I never looked down on foreign runners competing in the U.S. schools," Conover said, "but now I do look down on it. They're taking away the chances of American runners. He's also five years older than I am."

What Conover said particularly bothered him was the fact that Henry didn't even wear his team jersey in the race.

"He wore all of his Nike-sponsored free equipment. And I saw the team (Pembroke) warming down after the race and he wasn't with the team."

"He's just here to use our colleges for his training," Conover added.

Grimes said it didn't bother him at all. "They have just as much of a right to come to school here as we do to go to school in another country. I'd have to race him sometime anyway if I want to be a really good runner."

Hunt agreed a little more with Conover's view, however.

"I wasn't very happy about it," Hunt said. "It doesn't seem quite right."

In addition to the achievements of Conover and Grimes, Hunt said he was particularly pleased with the efforts of his entire scoring five.

"I have to give a lot of credit to Frank Ebner," he said. "He really came through for us."

Hunt also praised Becker's "rising to the occasion" and Innes' "good, steady, performance."

Sixth and seventh for the 'Jacks were Steve Kretsinger and Wayne Arrison.

Now that the cross country season is over (this was Grimes' last season; Conover has one more) they will begin training soon for next spring's track season.

Before thinking about track, both runners have the option of competing in the Division 1 national meet, as do all the first six finishers, except Henry.

"There's an age limit in Division 1," Conover said, "and he's too old."

Henry is also running under a scholarship, something no athlete in the FWC has done.

While in Division 3, the 'Jacks went against only schools that did not award scholarships. This year the schools that the 'Jacks beat were ones that award scholarships.

"A lot of hot runners want the bucks," Conover said. "It has to tell you something about Coach Hunt that he can get the good runners here without scholarships."

"This year we had the ultimate," Hunt said, savoring the victory before recruiting begins for next year's team.

Women runners tenth in nation

By BOBBI VILLALOBOS
staff writer

HSU's women's cross country runner Claudia Bergsohn earned the No. 1 freshman ranking in the nation, and the HSU team placed 10th in the Association of Intercollegiate Athletes national meet held last Saturday in Seattle, Wash.

Bergsohn was the first freshman competitor across the finish line, clocking 18:47 for 17th place. She was also the top finisher for the Lumberjack team, in it's first-ever appearance in a national meet.

"I was hoping to finish in the top 25, so 17th was a pleasant surprise," Bergsohn said. "I ran a competitive race and didn't do anything differently than I had in other races."

"I didn't find out about it (top freshman finish) until I read the paper. I just gave the race everything I had."

Bergsohn began running at Dos Pueblos High in Santa Barbara four years ago.

"Claudia continued to improve in the last three meets we've had; the conference, regional and national meets," Coach Dave Wells said. "This was one of her best races. The next freshman finisher was about 10 places back from her."

Although Wells said the team ran as well as it had all season, the excitement involved in a national meet had some effect on the women.

"It was a big event for all of them, and me too," he said. "They were just excited about the chance to be in the meet."

The rest of the Lumberjacks finished as follows: Sheila Maskovich (71st), 19:46; Dolores Adame (89th), 20:13; Shane Felix (97th), 20:27; Marti McCracken (98th), 20:28; Sandy Waters (116th), 21:03; and Nina Beattie (123rd), 21:23. There were 145 finishers in the 3.1 mile race.

"Marti ran a great race," Wells said. "She has been our fifth-place runner most of the season, and put in a really good effort in the meet."

Wells and the women are already looking forward to next season, he said, with practice continuing throughout the year.

"None of the women are seniors. They all get to come back, and now they know what (nationals are) all about," Wells said.



Mary Abbott

CLAUDIA BERGSOHN, HSU's top women runner, works out before the AIAW division 3 national meet. She was the first freshman to finish the race.

'Jacks last in conference

Football season a lost cause

By BILL HENNESSEY
staff writer

Last Saturday's 34-17 loss to Sacramento State ended for the Lumberjacks a season of few ups and many downs.

The 'Jacks ended the season with a record of 2-8 (1-4 in conference play) and a last place finish in the Far Western Conference.

It was Coach Bud Van Deren's worst season since he became head football coach 15 years ago, and was a complete turnabout from last year's 8-2 season.

"I expected a much better record," Van Deren said in a recent interview. "I was disappointed in the season we've had."

The highlights of the season were few and far between.

Although they lost 30-17, the 'Jacks played championship football against UC Davis, the FWC's perennial champions. HSU played extremely well in upending previously unbeaten (in conference play) Hayward State, 23-6.

The low points of the season consisted of sound thrashings at the hands of Santa Clara (41-14), Pacific Lutheran (45-14) and Sonoma State (49-20).

The loss at Sacramento will probably be the one the 'Jacks remember the longest.

The Hornets came into the game with a 1-7 record, and now share the FWC cellar with HSU.

Van Deren said he thought the severity of the schedule hurt the Lumberjacks.

"One problem was our schedule. Santa Clara, Puget Sound and Pacific Lutheran are all nationally ranked teams. We're just not ready to play teams of that caliber," he said.

The Lumberjacks dominated the statistics in almost every game. Unfortunately, the scoreboard usually read against them.

The offense could virtually move the ball at will until they reached the opponent's 20-yard line. At that point, HSU would go into a state of dormancy and be unable to get the ball into the endzone.

Quarterback Bill Plant cited the problem as a "lack of execution and key injuries to runningbacks Kerry Bonner and Jeff Burrell."

Nagging leg injuries hampered the two backs — last year's second and third leading conference runners with 909 and 665 yards, respectively. This year Bonner has gained 700 yards while Burrell has managed 400, unofficially.

"Our inability to run the ball hurt us this year, especially inside the 20," Van Deren

said. "The passing game was the best HSU has had in a long time. However, to win consistently, you have to have a balanced attack — running and passing."

Plant, in his first year as field general for the 'Jacks, completed 55 percent of his passes for 2,000 yards this year, unofficially.

Van Deren said he thought Plant was as good a quarterback as any in the conference.

"The first four games were tough on him — a new quarterback is always a difficult situation," he said. "It takes them longer to establish themselves. But now he is throwing as well as anyone in the conference."

Not playing in HSU's Redwood Bowl was a disadvantage, he said.

"We never really had the home stadium advantage. Last year, the student body supported us and it helped us win a few close ball games."

Volleyball team finishes fourth

The Lumberjack women's volleyball team finished the season ranked fourth in the Golden State Conference with an 8-6 conference record, 9-6 overall.

The spikers closed the year with losses to Davis, 10-15, 8-15, 7-15, and Chico, 15-11, 11-15, 12-15, 9-15, and a win against Sonoma, 15-11, 15-10, 8-15, 12-15, 15-11.

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Fish story: HSU grad 'whale'-versed in studies; shows even 'killers' have social side

By ANTON VITTI
staff writer

Despite their name, Orcinus Orca (killer whales) "are not bloodthirsty killers." In fact, they have a highly developed social structure and a brain six times the size of a human.

"They are also very caring for each other," Jeff Jacobsen, HSU graduate in oceanography, said in a recent interview.

Jacobsen will host a slide show presentation on campus next month on the behavior of killer whales.

Jacobsen has spent the past four summers studying the whales in the Johnston Straits on the inland side of Northern Vancouver Island. He and fellow HSU alumnus Peter Jepsen analyzed whale social organization and family groups, recorded whale vocalizations and counted killer whales.

They also photographed the "first killer whale birth ever seen and recorded in such detail," Jacobsen said.

The show is co-sponsored by Youth Educational Services-Greenpeace and Environmental Enterprises. The latter is a new organization begun by Jacobsen, and will fund independent scientific research for dissemination of information about killer whales, including shows like this one.

Jacobsen, who presented two papers at a symposium on killer whales in Seattle last month, said the main part of his study was an analysis of sub-group formations, or pods, of killer whales.

These pods are frequently seen traveling together by those who study them, he said. Such pods are actually giant families, including "cousins" and other semi-distant relatives. The pod lives in a certain area indefinitely, yet never integrates with other groups in the area, although they do "mingle" occasionally.

During his presentation, Jacobsen will play stereo tapes of underwater whale sounds.



THESE THREE ORCAS travelling in a group, or pod, provided a "whale of a show" for Jeff Jacobsen and his fellow researchers in Johnston Strait, British Columbia last summer. The research included audio as well as visual documentation of the creatures' habits.

Whales are one of the few life forms that have a dialect, he said. During his last study in Canada, he wrote an "ethogram," a dictionary of the correlation of acoustics and behavior in killer whales.

"Canada is an incredible place," he said. "There are a lot of wild characters up there who are very fine people. You need to be crazy to live up there."

Jacobsen called the economy of Canada

one of "resource utilization," with logging and fishing as the main components. He said he plans to return to the Vancouver area for graduate studies if funding resources can be found.

Jacobsen said his degree from HSU has been valuable.

"You can go into aquaculture, marine sedimentation and numerous other fields — any science known to man. It's a very versatile degree." His studies in Canada

were used toward his senior thesis for his bachelor's degree.

Jacobsen will discuss basic photography techniques at the presentation, including identification of the dorsal fin and saddle patch, the grayish area behind the fin.

The presentation will be given Wednesday, Dec. 3 at 7:30 p.m. in the Kate Buchanan Room. Admission is \$2.50 general and \$2 for students.

Pot growing flourishes, arrests increase

By JEFF DELONG
staff writer

Marijuana growing is still going strong in Humboldt County despite a 200-percent increase in arrests for pot cultivation this year over last.

Humboldt County Sheriff's detective Chris Thiel said about 55 persons have been arrested for marijuana cultivation since the pot season started last July. Another 25 arrest warrants for growers are still outstanding.

Last year the Sheriff's Department arrested about 18 growers, Thiel said. Among those growers arrested this year, many more are being convicted in the courts (an automatic felony) than before.

Detective Frank Vulich said 11.5 tons of marijuana have been seized in plantation raids this season, an increase of about a ton and a half since last year.

There were 26 raids on marijuana gardens in the county between July and the end of October, Captain Jerry Antich said. Most took place in the remote hills of Southern Humboldt, but other gardens were hit near Fortuna, Ferndale, Fieldbrook, Hoopa and Bridgeville.

Large scale pot growing in the county has changed a great deal since it first came to the attention of authorities in approximately 1973, Thiel said.

"Marijuana cultivation has gone through a whole transition in the past seven years."

Most of the early growers were "hippie types" from the Bay Area who came up north to get into "God's country," Thiel said.

The first sizeable marijuana garden was discovered near Fieldbrook in 1973, he said, and since then marijuana has been discovered growing throughout the county, particularly in the south, as the sheriff's department stepped up its anti-cultivation campaign.

This campaign took a severe blow last year when the county Board of Supervisors rejected a \$19,000 federal grant to combat marijuana cultivation. The board opposed federal intervention and overuse of firearms, Thiel said.



Growers today are no longer "hippie types" but come from "every walk of life and age group," he said.

As both law enforcement and rip-offs become an increasing problem for growers, Thiel said, marijuana crops are now typically spread out in smaller gardens rather than lumped together in one large plantation.

Pot gardens today are also often protected by elaborate security systems, complete with armed guards, alarms and electric fences, he said.

One of the primary concerns of law enforcement officials dealing with pot growing in the county is its increasing potency, Thiel said.

"Seven years ago the THC (tetrahydrocannabinol, the intoxicant in marijuana) content in 'Humboldt Homegrown' was about .05 percent, parallel to average Mexican marijuana," Thiel said.

Today growers in the county produce sensemilla, a high-octane weed with a THC content of 5.5 to 6.5 percent that can be stronger than hashish.

"It can really mess you up," Thiel said. Seven years ago Humboldt Homegrown cost users about \$60 a pound.

"This fall sensemilla is pulling about \$2,000 for a pound," Thiel said.

He said marijuana-related violence has become a problem in recent years. One marijuana-related homicide occurred last year when two San Jose men tried to steal some plants from a pot garden near Garberville.

The two were caught in the act by a grower and, after an exchange of gunfire, one of them was hit in the face with a shotgun blast and killed, Thiel said.

This year a Eureka man was tracked to his home by an angry grower after participating in a "rip-off," and ordered at gunpoint to hand over the ownership papers for his pickup truck, Thiel said.

Increased use and sales of marijuana among young children is also a cause of concern to law enforcement officials, he said. Two cases of pot sales in the third grade were recorded in Hoopa this year.

Marijuana cultivation on federal land

has become a problem to U.S. Forest Service personnel, according to Six Rivers National Forest Supervisor Joe Harn.

Harn said several forest service employees in the Orleans area have been threatened by marijuana growers. Some employees have been told if they report any pot gardens they find to the sheriff, they'd be in "big trouble."

Several incidents of harassment against forest service employees have been reported in the Orleans area, Harn said, but there is no evidence linking these incidents to pot growers.

In one incident, shots were fired over a ranger station, and in another a forest service employee found his dog shot to death in his backyard.

One aspect of marijuana cultivation that is not known to the public is that pot gardens often have a serious impact on the environment, Harn said.

"They're not ideal little gardens out there," he said, "but a serious problem for the environment."

Detective Thiel said one such, which had about 1500 plants, was ringed by an electric fence and had dead animals strung around the perimeter.

"He'd shot some deer, a fox, a whole lot of squirrels, and hung them in trees around the garden to scare away other animals with some kind of voodoo or something," Thiel said.

The grower had also ringed and topped trees in the area to provide the marijuana with more sunlight.

"A lot of (growers) claim to be real ecologists," Thiel said. "They're not at all."

Jeff Jacobsen