



May pole dance kicks
off May Day week
activities

The Lumberjack

Humboldt State University, Arcata, Calif. 95521

Wednesday, May 3, 1978

Energy alternatives highlight Sun Day celebration

by Andrew Alm

Internationally, across the USA and right here in Arcata the sun is being celebrated.

At the head of a list of local activities stretching through this weekend is today's "Sun Day".

A full-size solar greenhouse, solar gadgets, information on solar legislation, tax credits and energy conservation as well as entertainment are being presented on the Arcata plaza this afternoon by Net Energy, a non-profit corporation devoted to promotion of energy alternatives.

Nationally, Sun Day is being sponsored by a coalition of over 40 civic, labor and conservation groups. It has received endorsements ranging from that of President Carter to proclamations by the Humboldt County Board of Supervisors and the Arcata City Council.

"Solar Age"

Sun Day activities are intended to "herald the arrival of the solar age" by promoting awareness and interest in solar and other "appropriate" technologies as answers to the world's growing energy problems.

Appropriate technology is the label given to projects which save energy and conserve resources in order to reach the goal of a diversified society made up of conserving yet prosperous communities.

A series of workshops, displays and discussions, entitled the "Back to Living

Fair," will be kicked off Friday at HSU by State Architect Sim Van der Ryn, founder of the Office of Appropriate Technology (a division of the governor's Office of Planning and Research in Sacramento).

"A hard line"

He will introduce a colloquium entitled "A Hard Line on Soft Technology—The Politics of Alternative Systems in California" at 7:30 p.m. in the University Center Multipurpose Room.

The fair will offer workshops and discussions at HSU all day Saturday on topics ranging from appropriate technology in Humboldt County through worm farming and composting, pedal power, collective purchasing and ownership of land and how to build their own methane generator, among others. (See "Happenings," page six, for more details.)

Saturday night, Amory B. Lovins, a scientist who is internationally recognized as the foremost spokesperson for world-wide conversion to "soft" energy development, will speak in the Multipurpose Room at 7:30.

More Sunday

The fair will continue Sunday at College of the Redwoods beginning with an orientation at 8:30 a.m. in the Forum.

Workshops and demonstrations will include building codes, homesteading, organic gardening, compost toilets, labor-intensive reforestation and rural road building.

Sponsors of the week's events are Net Energy, Inc. (822-5424), The Bridge, HSU (826-4411), United Stand-Humboldt (822-6714) and College of the Redwoods (443-8411, ext. 360). Call for further details.

Van der Ryn has acquired the nickname "Captain Compost" for his work on compost privies. He was a founder of the Farallones Institute which designed and built an "integral urban house" in Berkeley incorporating solar energy and appropriate technology in a city setting.

Outspoken critic

Lovins has been an outspoken critic of all centralized energy systems, especially nuclear, which he collectively terms a "hard energy path."

He sees this hard path leading to a society enslaved by its own energy demands, predicting that a repressive government is inevitable in such a situation.

His alternative, a "soft path," involves turning the economy away from centralization toward small-scale technologies based on renewable sources of energy.

Lovins says soft energy is economically feasible as well as economically sensible, and that such a path can be attained within our existing free-market economy.

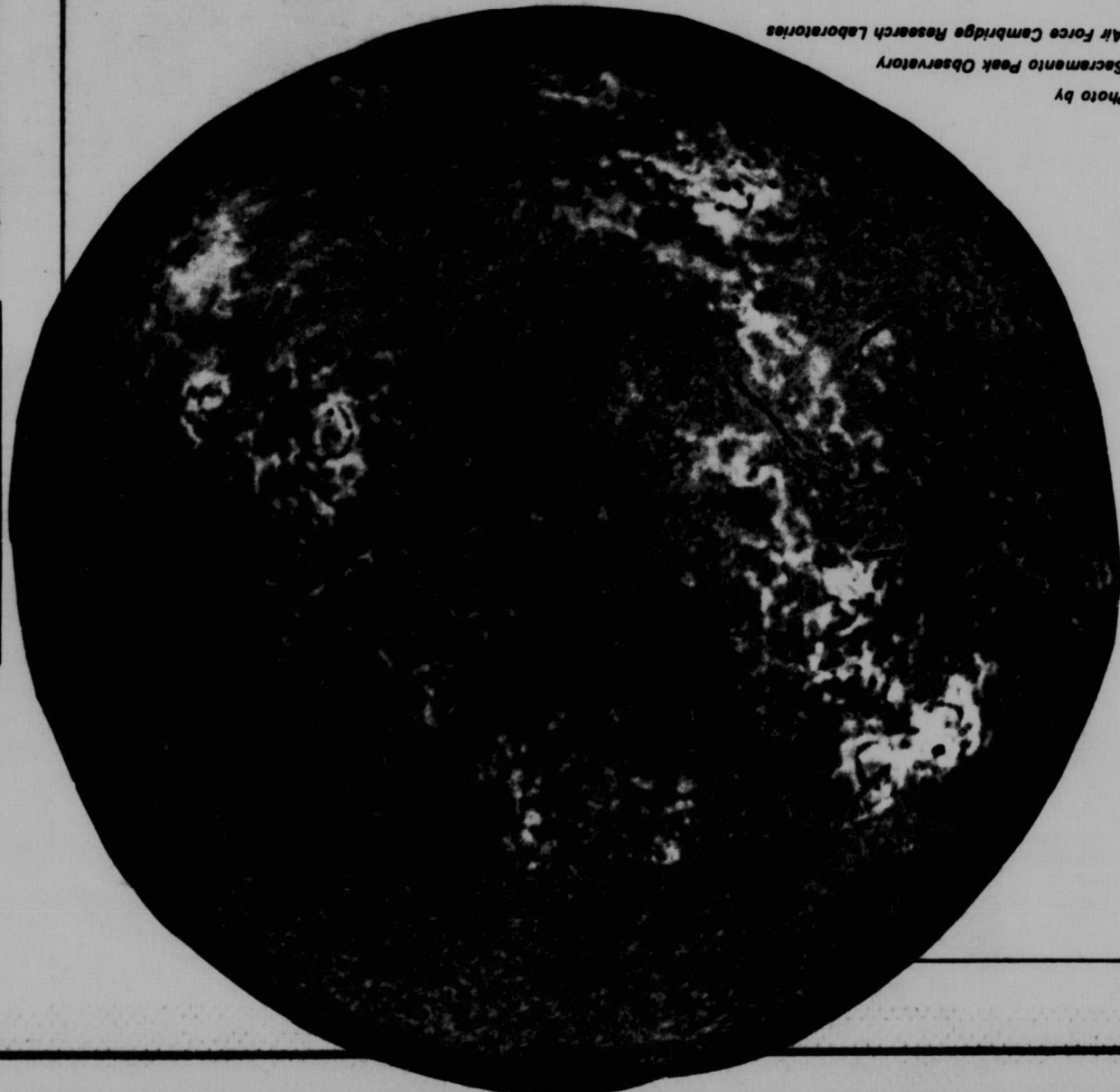


Photo by
Sacramento Peak Observatory
Air Force Cambridge Research Laboratories

The incandescent body of gases about which the planets revolve and which furnishes the earth with light, heat and energy from a distance of 93,000,000 miles

Ol' Sol

New Arcata police chief fights apathy

by Jim Rochlin

Michael Manick felt "uneasy" about his new job. His predecessor had "voluntarily" retired, and he wasn't sure about coming into a controversial situation — but he soon got over it.

Manick, 39, is Arcata's new chief of police. He places heavy emphasis on police-community relationships, and said "A police agency should be a part of the community, not apart from the community."

Manick, who began his duties as police chief Feb. 21, said he intends to combat community apathy.

"There is apathy that I have to overcome, but that's not all that difficult to do," he said.

"To overcome apathy you just have to reach out to people and say 'Hey, here we are, here's something we'd like to do. We'd like to get you involved,'" Manick said.

"We need input; we can't do the job alone."

Manick stressed community involvement while serving as police chief for three years at Tiburon in Marin County. Manick, who lived in Novato, described Tiburon as "An extremely affluent community where the average sale price for a home was \$130,000."

Crime prevention

Apparently Manick's aptitude for crime prevention through community involvement is one of the reasons Arcata City Manager Roger Storey hired him.

Storey told the Times-Standard he was looking for "someone with an outgoing personality interested in building good relationships between the community and the police department" when he hired Manick.

Manick said he intends to approach law enforcement in Arcata in a manner that would not alienate any particular group in the wide political spectrum of the "college population" and the "staunch conservatives" residing in Arcata.

"I don't think of the college population as an isolated part of the community. I'm trying to think in terms of total community," Manick said.

"I don't look upon the student population here as a hindrance or something I should cater to. I look upon the university as a cultural center and I'm glad it's here."

High-speed chases

Manick said he discussed the issue of high-speed police chases in Arcata with Storey.

Local concern was generated on the topic after a Feb. 7 incident involving an Arcata police car that flipped over and was demolished while pursuing a speeding motorcyclist.

The high-speed chase policy "will be

basically to encourage the officer to discontinue the pursuit if the situation looks dangerous in relations to variables such as the degree of crime and time of day."

The policy will "encourage officers to consistently assess the danger involved to the public" during a chase, Manick said.

"But I don't believe in absolutes," he said. "If I had a policy that said no police car could exceed 65 mph, there's going to be many people in town driving about 68."

Rape prevention

Manick said although there is no existing rape prevention program at the

interested in. Let's take care of the pusher."

Manick said the "changes that occur in the Arcata Police Department will be slow and gradual."

He is cautious not to overwhelm Arcata Police Department's 27 employees with a multitude of new programs and policies.

"I wouldn't do it to them because the morale would go down. Basically, they're at a very competent level here. Hopefully, together we can all progress a little bit further down the road."

Manick was one of 28 "serious candidates" for police chief reportedly considered by Storey.

"When the city investigated me to find

"unlike a sheriff who serves a fixed term and is subject to re-election every four years, a chief of police is appointed by and serves only at the pleasure of a city's manager and/or city council."

Manick agreed with Gibson. "It's true. My immediate supervisor is the city manager, and I serve at his pleasure. It's a job of 'permanent probation', he said.

In regard to publically elected law enforcement officials, Manick said although "this is not in regard to the Humboldt race or any particular race, I sometimes wonder how independent a law enforcement officer is when every four years he has to generate the funds to run for office."

Michael Manick believes 'a police agency should be a part of the community, not apart from the community.'



Paul Engstrom

police department, "What I hope to do in the future is to see how we can be of service to the HSU Crisis Unit" which deals with rape situations.

"Rape statistics have really climbed in the last three years. It's not really an increase in physical rape, it's an increase in confidence in law enforcement by the victims, so that we're having more rapes reported," he said.

Manick said he hopes to implement a "juvenile diversion program."

"We anticipate hiring a licensed youth counselor to work here at the police department to divert the local youth from the criminal justice system."

Manick said he expects to offer internships to HSU social welfare and psychology students to assist in the juvenile diversion program, and described HSU as a "fantastic resource to the police department."

He state that the We Turn In Pushers program, which was recently established by the Arcata Kiwanas Club, is "workable and a benefit" to the community.

"It's not the street-junkie I'm

out my suitability for the city, my wife and I spent time in Arcata seeing if the community was suitable for us," Manick said.

First impressions

He mentioned some of his impressions of Arcata. "It's an old town, it has integrated neighborhoods and the scenery is spectacular."

Manick said he felt somewhat "uneasy" at first about assuming the role of police chief here, in light of the controversy involving the reportedly "voluntary" retirement of former Arcata Police Chief N.J. "Jim" Gibson, who officially retired Jan. 3, 1978, after taking a leave of absence since Oct. 17, 1977.

Gibson was asked to resign due to "incompatibility of personality and management style," according to a statement issued by the Arcata City Council in October.

Lt. Joe Maskovich was acting chief of police from Oct. 17 until Manick's arrival.

Service at pleasure

Gibson, while announcing his candidacy for county sheriff March 29, said

Manick declined to endorse any candidates in the upcoming Humboldt County elections, although he did take a stand on the Jarvis-Gann initiative (proposition 13).

Jarvis-Gann

He said "I'm against Jarvis-Gann because it would mean a reduction of local government, which is the most responsible form of government we have. It would mean stronger economic control of local government by the state."

Manick offered no predictions as to the consequences for the Arcata Police Department if the Jarvis-Gann initiative passes in the June 6 election.

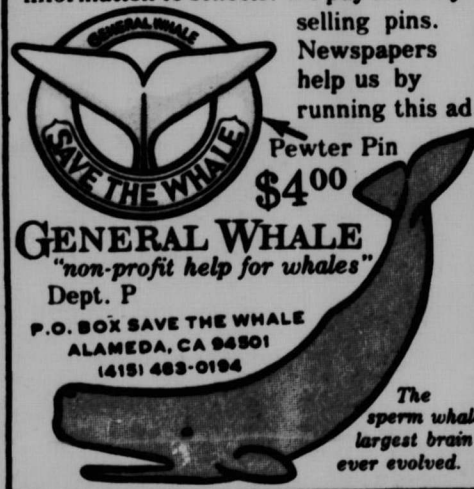
"We're not going to scare a lot of people" with predictions, he said, "We're going to face reality when it comes."

Manick, who collects a \$25,176-a-year salary as police chief, lives in Jacoby Creek area with his wife Valerie and their three daughters.

Manick has been in law enforcement for the past 11 years and is a candidate for a master's degree in public administration at Golden Gate University. He has a B.S. in political science from the University of San Francisco.

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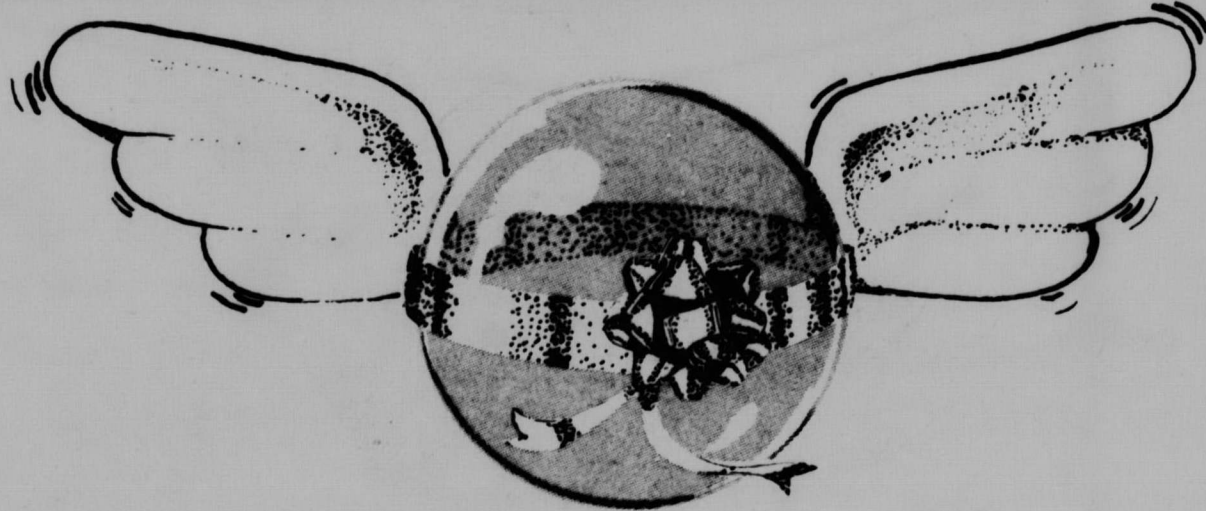


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LP subsidiary has 5 months

Plant given more time to stop emissions

by Terri Kaatz

The air quality control board granted Humboldt Flakeboard a five month extension on their notice to comply with permissible air standards on April 13.

Their particulate emission is 50 percent above allowance.

Humboldt Flakeboard, owned by Louisiana-Pacific and located near the junction of highways 101 and 299, asked for an extension to Nov. 1, but the board felt the date could be moved up a month.

Trouble with acquiring and installing new equipment was the reason given for the needed extension.

At the public hearing on the matter, an LP representative went through the process of how the particle board is made and where the problems have occurred.

The process sends sawdust through a series of machines that grind it in to finer particles, dry it, add a bonding agent and form the final particle boards.

"Blue haze"

The problems come in when the air that is expelled during the process contains fine particulate in amounts in excess of federal standards. In the combustion process "blue haze," a hydrocarbon emission similar to automobile exhaust, is produced.

The board has received complaints from the new housing tract and the surrounding vicinity that the wind has been blowing the particulate into their area.

To filter their process, LP is attaching bag houses, but there will still be particulate emitted, only in smaller particles.

At the public hearing one Fieldbrook resident asked that the extension not be given because the current amount of

emissions would continue into the summer when, due to weather conditions, the particulate is often not blown out of the area. He also asked what was to be done about the "blue haze."

Aesthetically displeasing

LP said they don't know of a way yet to eliminate the haze. They agreed that it is aesthetically displeasing, but it is not detrimental to the health.

In a later interview, Chuck Sassenrath, a member of the staff that does research and advises the board, said that the quality of the air in Humboldt County, particularly in the cities, has improved.

Sassenrath said that 15 years ago the air was worse because there were no set standards. Now wood burning is only

permitted under certain weather conditions and the emissions of the local industrial plants are watched closely.

"Arcata is way below standard," said Sassenrath, "and Eureka is at standard."

The eastern business district of Eureka, which is immediately downwind of the industrialized Samoa Peninsula has, in the past four years, been above the allowed suspended particulate level. An air sampler is located at the Caltrans office on the corner of Wabash and Union Streets. Another sampler, located at the health department in downtown Eureka, has measured particulate levels below the standard.

Sassenrath said that the drought

brought about an increase in the particulate levels. He said as more people and industry come into the area the air quality will decrease.

Sassenrath described two ways air quality measurements are taken. One is weighing the particulate emitted. The allowed emission is 40 lbs-hour. Humboldt Flakeboard is emitting 68 lbs-hour.

The other method of measuring determines the opacity standard or how thick the haze is. This measurement is taken by looking through the haze and determining the percentage of foreground visible.

Sassenrath said that the state standard is 40 percent opacity which means 60 percent of the foreground can be seen.



Looking east from West Valley shopping center, smoke from the Simpson Timber plywood plant at Guintoli Lane and Highway 101 obscures the afternoon sky.

Paul Engstrom

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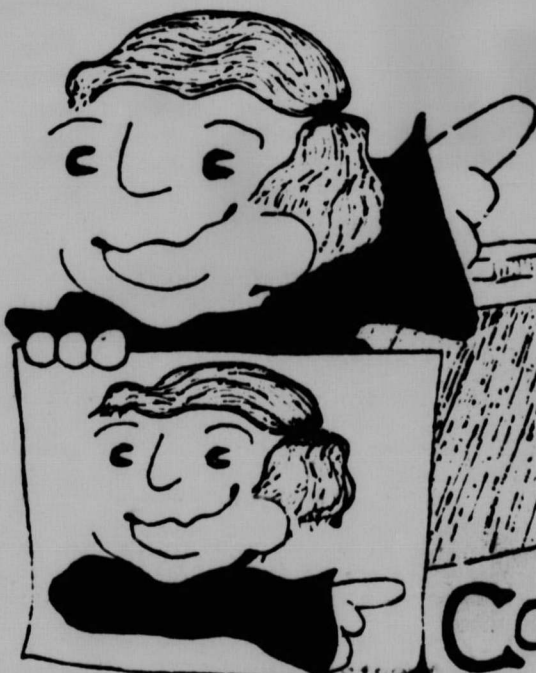
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The Lumberjack

Nelson Hall 6
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Arcata, Calif. 95521

Editorial

Have a gut reaction

Our educational system runs on a couple of very faulty assumptions: that professors are experts who can somehow transmit their vast body of knowledge to students and that students are incapable of directing their own education.

How many students at this institution have been told that their ideas about what they want out of their education don't "fit" the university's guidelines?

Education is a dynamic process. To learn, a student must be interested and involved. Students are not containers which can be filled to a line marked "degree."

In a similar way, not all professors are teachers. For many, the salary is a comfortable means for pursuing personal interests which have nothing to do with that class full of young folks they've been droning the same course material to for years.

Yet it is the students who run the risk of "failing."

How many professors have been fired for showing up unprepared for a class or ruining students' appetites for a potentially exciting subject?

Most end up being tenured and promoted for publishing the same dry garbage in obscure journals.

Where is the solution? Those teachers who are concerned with making education exciting and enlightening (and there are quite a few) should be getting the material rewards and the encouragement of their institutional "superiors."

Students will have to make a strong statement if things are going to change. Sure, some are doing it already, but the latest story I heard was of a woman who, when questioning the relevance of what was being presented in a business class, received "support" in the form of embarrassed silence from her fellow students, rather than the applause she deserved.

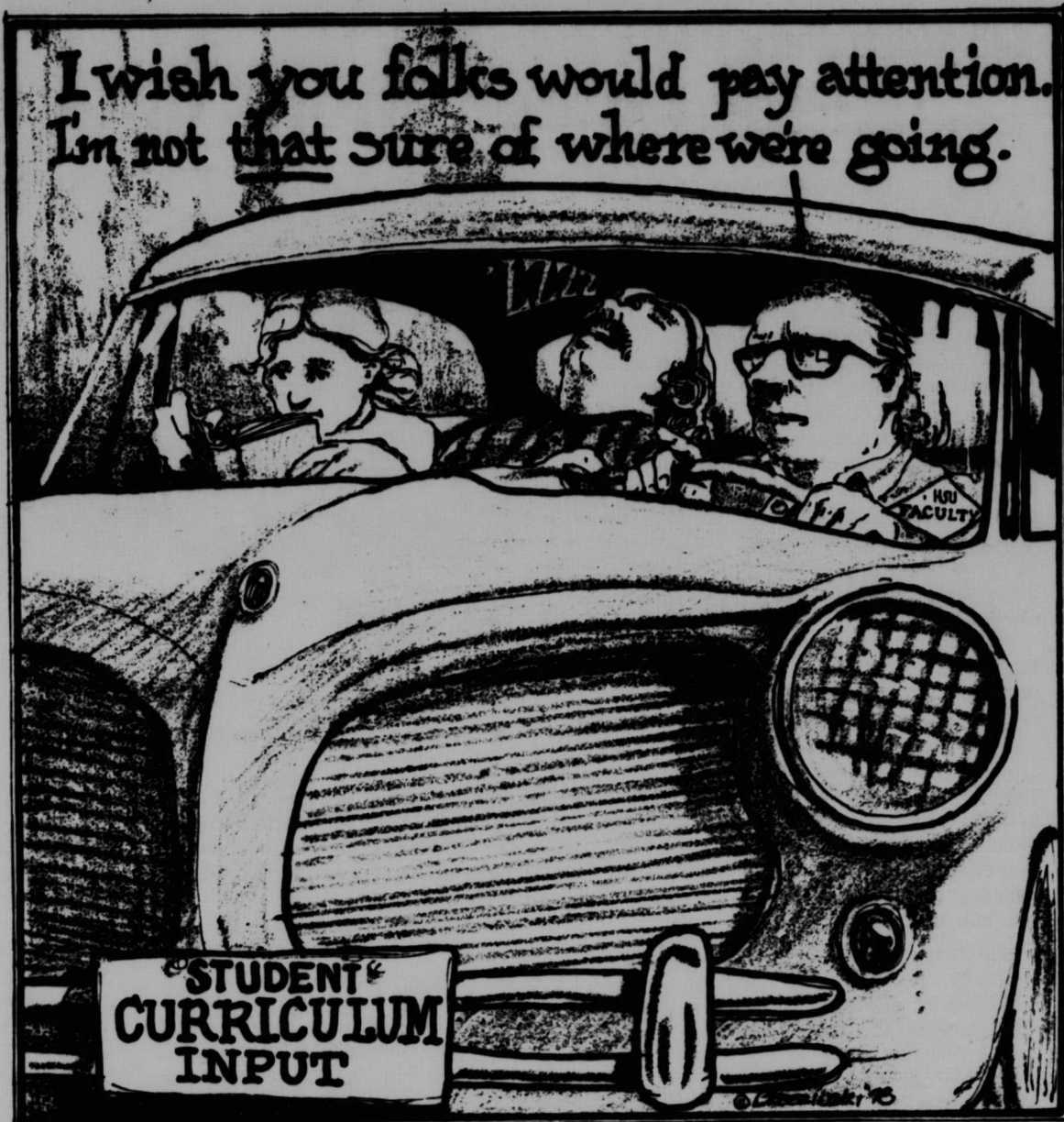
Student representation on this campus is outmoded and, for the most part, ineffective. Witness the upcoming student election where seven out of eight candidates for at-large seats on the Student Legislative Council are running unopposed. Do you feel well-represented?

It is time this situation changed.

The entire structure of student "government" should be sacked in favor of direct student input. It is time to demand a say in how your annual \$20 (soon to increase if something isn't done) in "student body fees" is spent. It's time to push for streamlined representation which is both economically efficient and able to act in the best interests of ALL students on this campus.

A few of the candidates in the upcoming election have proven themselves capable of managing the Associated Students organization and are committed to implementing some fundamental changes.

Without active student support and interest, however, the opinion of any student representation is liable to be shrugged off as "gut reaction and preference" by "professors" and "administrators" alike.



Letters to the editor

Climb warning

Editor:

Springtime has come, and with it, the urge to spend time in the out-of-doors. Every year at this time I read articles and see notices about rock climbers and rock climbing classes. Although I retired from this sport some years back, I well remember the thrill involved and am glad to see such interest in climbing around HSU. I write, however, to interject a note of caution as a geologist and former climber.

Favorite climbing areas along the Humboldt area coast include spires of metavolcanic rock in Patrick's Point State Park and large sandstone blocks, such as that adjacent to Highway 101 near Westhaven. These rocks are part of the Franciscan complex which, in the past 150 million years, has undergone multiple periods of structural deformation. Effects of this deformation include multiple sets of fractures, some of which may be filled with whitish veins of quartz or calcite, in all rock masses. In our humid climate such fracture zones becomes sites of weathering which rapidly weakens their strength. During field work in every season I've witnessed sudden collapse along fractures of rock masses weighing hundreds of pounds.

It amazes me that some individuals who purport to be climbing instructors in letters and articles printed in The Lumberjack are apparently unable to correctly assess the rotten state of Franciscan rock. Good granitic rock of the Klamaths is

only a couple of hours drive away. Geologists sacrifice their sanity in dealing with the unfathomable Franciscan; I'd hate to see climbers' lives added to the bargain.

K.R. Aalto
assistant professor, geology

Hiya plant

Editor:

Plants do talk. I've heard them. There used to be three plants in a box near the south door of the library basement, where I work. Every morning they would say

"Hi. Look. I'm beautiful." They would say to me, and to everyone

else who walked in, "Someone put me here for you to enjoy. Someone paid for me, and planted me, and cares for me, because she wants you to have the pleasure of seeing me." They said "Someone loves you."

These three plants still talk. I'm sure. Not to me; I don't see them anymore. But every afternoon their new possessor comes home. He walks in, and he hears them. He must. They say "You're a thief."

Ken Yanosko
lecturer, mathematics

Don't forget to write

Questions or comments should be addressed to the editor. The deadline for letters is noon Friday before publication. Letters MUST be typed, double-spaced, no longer than one page and signed with the author's name, major and class standing if a student, title and department if faculty or administration member, and town if a community resident.

All letters are subject to editing.

Letters may be mailed to or left at The Lumberjack office, or deposited in The Lumberjack box located at the entrance of the HSU Library.

The Lumberjack is published Wednesday during the school year. It is funded through the advertising revenue, the Associated Students and the Humboldt State University journalism department.

Opinions expressed are not necessarily those of the paper, the university, the AS or anyone else.

Students receive the paper free of charge from campus newspaper stands. Mail subscriptions are \$3.50 per school year.

Advertising rates are available on request at 826-3259 or in The Lumberjack office.

...more letters

Gladstone refutation

Editor:

At first I considered not responding at all to the totally misinformed letter from B. Mulkey. But I realized that the false information presented in the letter should not go unchallenged.

HHAP is currently involved in the OVT dispute only in a role of providing technical assistance to the OVT community council. The community council is running the show and making the decisions along with their attorney, John Corbett.

- Not one cent of student funds has been spent on the OVT project. As a matter of fact, we only received \$921 from the ASB for the services we provide to students. Our total budget is close to \$30,000, which we have acquired through our own diligence. The students have provided less than 3 percent of our current budget, but over 40 percent of our services go to students.

- After doing an investment analysis of OVT we found an estimated return on investment of 18 percent per year when rents were \$140 a month. Also, the landlord wants over \$100,000 more for a selling price than what it was bought for two years ago. I'm sick of bleeding heart landlords crying "poverty" as they make huge profits.

- There are full-time students at OVT.

In a tight housing market such as ours tenants have to know how to stand up for their rights. The major power a housing consumer has, i.e. moving if she/he is dissatisfied, has been taken away due to the rental shortage. We are told, "Shut up or move out." "To where?" we ask. Mulkey says, "Don't raise hay or the landlord

will screw you with rent increases," HHAP says, "Stand up for your rights 'cause they're all you've got."

- As far as OVT apartments being underpriced—nothing could be more ridiculous. OVT is dangerous and unsafe, no repairs have been done since Judge Truitt's decision and it continues to be in hazardous condition according to the County Health Department. The place has been milked for years and the rents have been increased for years. Repairs have only been done when tenants have organized and demanded habitable living conditions.

The OVT tenants should be commended for their bravery in confronting a system which systematically fails to meet human needs. I'm proud to assist them in their struggle.

Kevin Gladstone
coordinator, HHAP

OVT refutations

Editor:

The tenants of Ocean View Terrace feel it necessary to respond to the distortions and inaccuracies contained in Renee Marshall's letter in The Lumberjack last week.

1. Prior to our filing suit the landlord had almost \$5,000 in reserve plus more than \$600 in surplus each month that was promised for repairs. Yet these repairs, for the most part, never materialized due to what Ms. Marshall continually ascribed to a "lack of funds!" Mysteriously enough, only after we filed suit and the health department cited each of the 18 units as substandard and in substantial violation of the housing code, workmen appeared at OVT seven days a week. Not so mysteriously, all work stopped on the day the judge ruled and the workmen

have not been seen since.

2. Ms. Marshall's allegations regarding our motives for filing suit are unwarranted and untrue. In fact, it was a difficult last-resort decision resulting from a total breakdown of all communications and the overwhelming frustration experienced by all of us. The rent was going up while our homes were rotting beneath us. Specifically, not one bedroom of these two and three-bedroom "bargains" had any heat. Children played in these rooms with their coats on since inside temperatures were documented at 45 to 55 degrees. In addition, windows were rotted and unopenable, the water supply fire, stoves and refrigerators were non-functional for months at a time, walls were crumbling, plumbing leaked, forming puddles and wiring was dangerous.

3. Ms. Marshall says the tenants asked her father to sell. In fact, she initiated the idea over the past year. She expressed her desire to sell at a FAIR price and requested that we make her an offer. Our opening offer amounted to more than a 100 percent return on Mr. Marshall's initial investment—double his money in less than two years! The tenants' have \$60,000 in rent money invested for the same period of time—more than twice of Mr. Marshall's investment, and our return is a \$37 renter's credit! What's more, we never insisted our original offer was final, and, in fact, we have made several subsequent offers.

4. The judge's ruling did not state, as Ms. Marshall alleges, that the places were satisfactory. In fact, the health department this week gave the Marshalls 10 days to resume work or face condemnation proceedings.

5. Finally, four tenants who even turned over all back rent have had unlawful detainer (eviction) actions filed against them. So what can we make of Mr. Marshall's "binding" letter promising no evictions?

Ms. Marshall accuses us, untruthfully, of making threats. What she is really complaining about is that we have stood up, whatever the outcome, for our right to safe, adequate and decent housing.

Sincerely,
the tenants of OVT

Coors refutes

Dear Editor:

In the March 8 edition of The Lumberjack, Barbara Kaplan wrote a letter referring to the Coors boycott and strike.

The allegations against Coors which Mr. Kaplan brought forth were done without seeking information from both sides of the issue.

One unit of Local 366, brewery workers, went on strike April 5, 1977. There were 1,472 members of this unit. As of March 6, 1,028 strikers, or 70 percent have returned to work. About 950 members returned during the early weeks of the strike.

When 70 percent of a union membership cross a picket line to report to work, a strike is unsuccessful. As a result, angered union officials promoted an irresponsible, irreversible boycott.

An administrative law judge of the National Labor Relations Board in San Francisco dismissed in their entirety, all unfair labor practices waged against the company in November 1977.

The issues which union officials have concentrated on such as Chicanos, women, gays, hunters and a long list of others has no merit.

We are an equal opportunity employer. Our Affirmative Action Program has been in effect since 1972 and has been approved by the Department of Agriculture. We were again recertified in 1976 after an investigation team from Washington came to Golden.

Our company foundation has been active in the hiring, training, and promoting of

women in our company, as well as support to other women's organizations and activities.

We have never discriminated against gays. There are known gays working at Coors, as there are everywhere.

Such things listed in the letter as search and seizure tactics are strictly union propaganda and not true.

Three other units of Local 366 have signed contracts with contract language very similar to that contract over which the company and union are now deadlocked.

The issues union officials have irresponsibly spread in the marketplace are not issues of bargaining and never have been. There are three issues deadlocking the company and union today:

—Open shop vs. union shop. When over 50 percent of the employees returned, the company offered open shop. Now that this same unit is trying to destroy their own members' jobs by trying to destroy the company's image in the marketplace, the company stands firm that each individual member should be able to choose for himself if he wants to belong to a union such as this.

—Return to work of all strikers. The union wants all permanent replacements layed off or terminated in order that strikers who have been trying to destroy the company can return to work. The company stands firm that those persons who reported faithfully to work will remain.

—Polygraph in arbitration cases. Either the union or company may request use of a polygraph test. However, employees are not forced to take a polygraph test and if they refuse, it is not held against them.

Sincerely,
Jeannie Hellmann
Adolph Coors Co.
Golden, Colo.



HSU students enjoy a dance in celebration of May Day. Festivities will continue to be held in the Van Duzer Theater quad throughout the week.

The Lumberjack

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Happenings

Festival

The Retired Seniors Volunteer Program will have its Fourth Annual Cracker Barrel Fair Saturday in the first floor of Founders Hall. Senior citizens will display handmade items, some for sale. Music and dancing, too. \$1. Tickets at the University Center.

Plays

A Readers Theater presentation of "The Muses Speak of Women" will be offered Sunday at the Arcata Community Center, 14th and D Streets, at 7:30 p.m. \$1.50 senior citizens and children under 12 free.

"Black Fat and All That," the 12th annual Children's Play at HSU will be performed in the Van Duzer Theater Friday at 8:30 p.m. and Saturday at 2 p.m. Children and adults with children, 50 cents, Students \$1. and all others \$1.50. Tickets at the Van Duzer box office.

Courses

Registration for the second set of spring evening swim classes will be Saturday at 10 a.m. at the North Humboldt Community Pool, 1150 16th St., Arcata. For more information call 822-6801.

Workshops

"Spectrum of Therapies" will be held at HSU Thursday through Saturday. Thursday: "Family Therapy" at 7 p.m. in Wildlife 206; Friday: "Couple Therapy" at 7 p.m. in the East Gym; Saturday: "Actualization Therapy" at 9 a.m. and "Gestalt-Oriented Music Therapy" at 1 p.m. in the East Gym.

The male role in birth control will be the subject of "brown bag raps" conducted for men only by the health center at noon Monday in Natural Resources 201. For more information contact Robyn Jackson at 826-3146.

The Career Development Center is holding a workshop on how to apply for civil service jobs tomorrow at 3 p.m. in Nelson Hall East 118. For more information call 826-3341.

The Career Development Center is holding a resume writing workshop today at 4 p.m. in Nelson Hall East 118. For more information call 826-3341.

A "Moving Out Workshop" will be held Wednesday, May 10, at 2 p.m. in Nelson Hall East 120, to assist people who will be moving out in June. Giving proper notice, getting deposits back and the legalities of lease breaking will be covered. Sponsored by the Humboldt Housing Action Project.

A workshop to teach students how to discover the "hidden job market" will be held Wednesday, May 10, from 4 to 6 p.m. in Nelson Hall East 106. For more information contact Bruce Johnston at the Career Development Center, 826-3341.

Speakers

Sim Van der Ryn, State Architect, founder of the Farallones Institute and the Office of Appropriate Technology will speak on "A Hard Line on Soft Technology—The Politics of Alternative Systems in California" Friday, 7:30 p.m., in the UC Multipurpose Room. Free.

Amory Lovins, foremost spokesperson for alternative energy development, will speak on "Soft Energy Paths" Saturday, 7:30 p.m., UC Multipurpose Room. \$1.

Gallery shows

Jennifer Grey's "Colors by Grey" will be on exhibit in the Foyer Gallery through Friday, May 12. Gallery hours are 8 a.m. to 12 p.m. Monday through Saturday.

Photography by Teryl Allen and Mary Garberina will be on exhibit in the Nelson Hall Gallery through Friday, May 12. Gallery hours are 9 a.m. to 5 p.m. Monday through Friday.

Miscellaneous

The Humboldt Branch of American Association of University Women will meet Saturday at the Baywood Country Club for their mother-daughter luncheon. For reservations call 443-0168, 733-5246 or 443-2871. Deadline is today.

Congressional candidate Norma Bork will present her "mobile congressional office" prototype Friday from 1:30 to 3:30 p.m. at the Arcata Community Center parking lot across from the southwest HSU entrance.

Eureka Parks and Recreation is sponsoring a 1978 Spring-Summer Tennis Ladder for persons 18 years or older beginning Monday. Call 443-7331 to register or go to the Eureka City Hall, room 301.

Cinco de Mayo

Cinco de Mayo (the fifth of May) is the celebration of the day when Mexico revolted and overthrew French control.

This year, Movimiento Estudiantil Chicano de Aztlan of HSU will have festivities lasting from May 4-7 in celebration.

The theme for this years celebration is "Days of the Brown-Eyed Children of the Sun."

The festivities will start at noon tomorrow in the quad with speaker Ramon Chacon.

From 1 to 4 p.m. there will be films shown in the UC Multipurpose Room.

The films are: "Salt of the Earth," "I am Joaquin," "Mexico: the Frozen Revolution."

These films will be repeated at 7 p.m.

Friday noon MEChA will have a speaker from Stanford University, followed by dancers, a Pinspata, and more dancers on the quad.

Also, there will be a burrito sale.

In the Blue Room of the Jolly Giant Complex, at 8 p.m., the celebration will continue with speakers, dancers, poetry and music.

On Saturday there will be a potluck at Sequoia Park, followed by a play with Teatro Mestizo from San Diego.

Mestizo will conduct a workshop followed by a main performance at Van Duzer to conclude the festivities.

'Back to Living Fair' schedule

UC MULTIPURPOSE RM

10:00 - 11:30

"Do It Yourself Solar" Kit Mann-Chuck Sweet of Net Energy

11:30 - 12:00

"Appropriate Technology in Humboldt County," an open discussion with reps from Rain, OAT, Farallones, Amity Foundation.

12:30 - 1:00

"Solar Gadgets" - A bring your own show and tell for local solar & wind inventors.

1:00 - 2:00

"Farallones - Integral Urban House Show" - Tom Javits, director, Farallones Institute

2:00 - 3:00

"Wind Power - Design & Construction" - Jack Park, president and founder of Helion Corp., Brownsville, Calif.

3:00 - 4:00

"Solar Greenhouse" Where and how to build your own. Net Energy & Jack Park

NELSON HALL EAST 119

10:00 - 11:30

"Aquaculture" - George Ellinwood on backyard fish farming

Break

1:00 - 2:00

"Super Worms" - worm farming, composting with worms, etc. Simeon Murren, Director of Community Gardens

2:00 - 3:00

"Integrated Living" Putting it all together—self sufficiency, food energy, shelter. Mark Talbrook, Amity Foundation, Oregon

3:00 - 4:00

"Pedal Power" - Harry Spehar, Steve Cole, Arcata Transit Authority. A film and discussion of ways to use pedal power from the complex to do-it-yourself

NELSON HALL EAST 120

11:00 - 12:00

"Ferrocement" - For building water storage, compost privies, shelters. John Palmer

Break

1:00 - 2:00

Home Energy Conservation—the most effective ways to reduce your home's heat loss. Net Energy

2:00 - 3:00

"Food Drying" —Lynne Iser, director, Community Nutrition Project

3:00 - 4:00

"Collective Purchasing & Ownership of Land" —Steve Bridge, Director, N.C. Land Trust

4:00 - 5:00

"Methane Generators" — how to build your own John Daimon, engineer

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He's Syn Thetik,

by Jeri Eaton

His alias is Syn Thetik.

The name he goes by is Ric Starr Warren. He thinks it sounds like a football player's name and that that is funny.

His given name is Rickey Warren. He was named after Rickey Ricardo.

You may not know him by name but almost everyone on campus knows he exists. Rickey stands out in a crowd. He is tall and extremely thin. His hair color varies from bleached blonde to bright reddish-orange. He resembles David Bowie.

He has been known to dress rather outlandishly. He says when he dresses in "costume" he is trying to make a social comment.

Rickey has been attacked for being too blunt in his methods. People have told him he is too far out for others to accept him.

"Nothing is too shocking," Rickey said. "Purple hair and the way you look is a little thing to accept. If they can't get over the way you look how can they listen to what you have got to say?"

Change society

And Rickey has got plenty to say. He wants to see change in society. He said he is not sure what kind of change he wants. But he feels experimentation would bring about something better than exists right now. Rickey said he can relate to the punk rockers because that is their message.

One direction he would like to see change is that he would like to see people live more "realistically." "People play too many games," Rickey said. "In the 1960's they had the right idea: free love as long as you don't hurt anyone."

Two artists he admires are vocalist Patti Smith and Rimbaud, a poet. Rickey said both express images of a changing society to which people can relate.

He doesn't like television because he feels the emotions portrayed on it are not real. He doesn't like politics because he thinks it is all double talk. He doesn't

Ric Starr Warren says,

"Xerox machines
are wonderful.

So is MacDonalds.

Even electric
toothbrushes are great."



not a fake

the opening and closing dates he will also be performing.

In June he is moving to Los Angeles. During summer he will be doing stage production work at Disneyland and in fall he will be going to cosmetology school to get his license.

He also plays the saxophone and keyboard, so while in L.A. he'll be in a band. He'll use his stage name, Syn Thetik.

At a time when most of us don't know what we'll be doing in the next two weeks, he has plans for the next two years. He wants to go to UCLA for a year and study art and theater and then go to London.

"I have to keep things fresh so I can create—things get stale," Rickey said. But he is not leaving this area just for artistic reasons.

His girlfriend, Victoria Pickett, lives in L.A. She was an education major, but is now doing a children's television show called Froozles.

Left San Jose

Rickey came to HSU two years ago for different reasons. He was living in the San Jose area where he went to high school and junior college. He hoped people in Humboldt would be more open and understanding, but according to Rickey "they are not."

"Most of the people here are from Los Angeles. The city made them psychotic and they came here to find release. But if they can't deal with it in the city, they can't deal with it here. I feel a well-adjusted person will be so anywhere."

He does like it here though. And one reason is because he likes to "live fast."

"Speed is wonderful. There is more freedom here. Everybody is so slow here you can be twice as fast. Humboldt County is still in the 1950's."

Rickey summed up his philosophy of life in a nutshell:

"The important thing is to have fun. People just take themselves too seriously."

like organized religion because he thinks it is hypocritical.

"Christianity is hypocritical because they say they love everybody, but they don't," he said.

Indian religions

He likes the religions of the American Indians, which, he says, believe God is in the earth and the sky. "Catholicism screwed things up completely. I don't know why they had to bring a European religion here when the Indians already had a perfectly good one."

Rickey doesn't think society is hopeless.

"I don't think it can be fixed, but

helped—yes. I wish I was stronger or wealthier so I could help change it," he said.

Even if society does change, Rickey said he would never really join it. He said Smith and Rimbaud believe the only true artist is an outcast.

"I feel the same way," he added.

Rickey seems to be involved in everything that might be considered art. In June he will graduate from HSU with a degree in theater arts.

May 15 he will have a multi-media exhibition in the Foyer of the HSU Art Building. The showing will include photography, silk screens and sculptures. On

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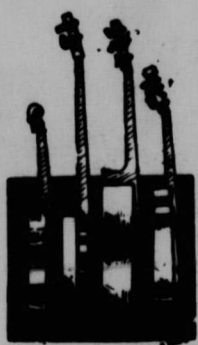
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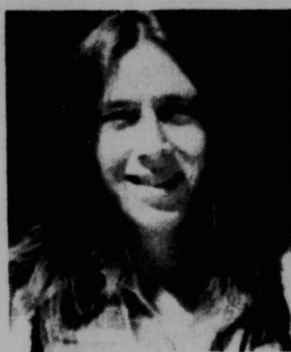
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Election day on its way

Amendments, officers to be decided by voters



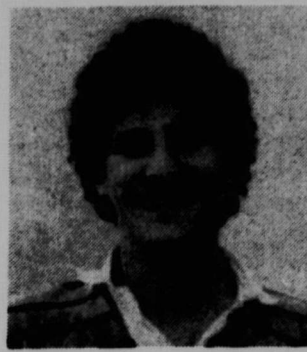
Doss



England



Kaschube



Scher



Bowler



Gannon

by Bill Stoneman and
Ziba Rashidian

The Associated Students election will be held May 10-11.

On the ballot will be amendments to the AS Constitution aimed at improving communication between SLC and student representatives on university committees.

The amendments call for restructuring SLC by replacing four of the eight-at-large representatives with commissioners. The four seats on SLC would be occupied by a commissioner of academic affairs, planning, student services and programming.

SLC recently amended the AS Administrative Code establishing committees for each commissioner to chair.

If the amendments are approved by two-thirds of the voting students, each commissioner will be responsible for coordinating the efforts of members of committees in his or her area of concern, as well as serving on SLC as a regular voting member.

The commissioners would become elective offices in fall 1979 if the amendments are ratified.

Also subject to student approval is an amendment stipulating that all amendments be incorporated into the body of the constitution. This would make the document more readable than the present style of adding amendments at the end.

Presidential candidates

At press time there are four contenders for the presidency.

Doyle Doss said experience is the difference between himself and the other candidates for AS president. He has traveled extensively and says, "I am used to dealing with positions of responsibility."

Doss said "people care about this university." But he added that people often feel the administration and the student government don't care about them.

Apathy is the greatest problem the student government faces, according to Doss, but he said "direction and leadership" can change that.

Doss has an interdisciplinary major of natural resource planning and interpretation, speech communication and

computer science.

Although he has never attended an SLC meeting, Doss sees no problem in assuming the presidency. "I personally am an organizer and a problem solver," he said.

Presidential candidate John England wants to make student government more visible. "I don't see it as being as representative of the students as it should be," he said.

"They're not attracting students to participate in it."

England sees two possible approaches to overcome student disinterest in government, taking the government to the students or bringing the students to the government. "I don't ever remember them trying to bring the government to the students," he said. In the past, "student government members have not been able to work together. I wonder if that caused student apathy."

Rarely a meeting of SLC goes by that AS presidential candidate Paul Kaschube doesn't make his presence known. "I have ideas and plans which I would like to see implemented," Kaschube said.

A member of the student judiciary, and a past member of numerous university committees, Kaschube, a math major, said student government should not be discounted as useless. He says it has "power and influence that has never been tapped."

Kaschube suggests that student government could critically evaluate the university. "I think I have the innovation and initiative to use student government to its maximum potential," he said.

Paul Kaschube's major objective as AS president would be to increase communication between students and the government.

Ed Scher has been involved with student government for two years. His first year at HSU he served as freshman representative on the Student Legislative Council. This year he was chairperson of the SLC and representative for the School of Creative Arts and Humanities.

Scher is running on the "Positive

Action for Humboldt" slate with Ed Bowler as his vice presidential running mate.

Scher has actively fought against the demolition of the houses behind the library. "People forget the functions and services that go on in the houses," Scher said. "What's going to happen to those programs if the houses are torn down? That's one question the administration has repeatedly ignored."

A student newsletter, a task force on the housing problem, fundraising activities for campus organizations and unification of the students are some of the projects Scher envisions.

VP hopefuls

There are two vice presidential candidates, Ed Bowler and Bill Gannon.

"I know how the system works, when to work within it and when not to," Bowler said.

Bowler was AS treasurer last year. He has served on the University Resources Planning and Budget Committee, the AS Personnel Committee and Lumberjack Enterprises.

Bowler said he would like to set up a task force on the housing problem consisting of community, university and student representatives.

He said he would work to get state support for athletics so they would be adequately funded and off the AS budget.

"No bureaucrat can double talk me," Bowler said.

Science candidates



Jacobson



Cantarine



MacDonnell

Vice presidential candidate Bill Gannon said he began taking an interest in student government when he "found asphalt where there was dirt the day before." He would like to know why such changes are made.

"Raising questions is an important part of the office," according to Gannon. He would like to provide ideas and ask questions as much as help with solutions.

Gannon, a zoology and botany major, describes the current government as "a joke" but is confident that can be changed with new faces and fresh energy. He said representing the students "would be more important than my schoolwork."

Gannon cites the HSU Master Plan, the approachability of President McCrone and student unity as his chief concern.

Barring write-in candidates, the science seat is the only SLC post being contested. Eliot Jacobsen, Tom Cantarine and Douglas MacDonnell are vying for the position. None of the three have any previous experience with student government, but all expressed a desire to get involved.

Three seats have no declared candidates: behavioral and social sciences, creative arts and humanities, and natural resources.

Write-in campaigns can be run. Such candidates should notify Dorothy Moller, elections commissioner before 4 p.m. May 11, in the AS Office.



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Instructionally Related Activities money

Students to pay additional fees next year

by Heidi Holmblad

HSU students will be paying up to \$10 more in fees next year as a result of the revision of the Instructionally Related Activities policy.

The IRA Advisory Committee came one step closer to establishing the new fee Monday night when they set a uniform travel per day rate of \$14.

The per day rate is the amount of money allotted to each student on a trip for food and lodging. The committee broke the \$14 figure down to \$6 for food and \$8 for lodging, not to exceed \$100 per student, per trip.

Problems of setting this figure were due to the price of food on trips.

"We just can't handle the food — give them three more dollars and you still won't cover it," Larry Kerker, dean of health and physical education said.

All schools and divisions eligible for IRA funds have turned in their requests.

Division requests

The original requests from each school and eligible programs are: creative arts and humanities \$38,509; intercollegiate athletics, \$35,252; natural resources \$3,631; Model United Nations, \$1,312; and folk dance, \$550.

Due to the new per day rate, all requests will be revised.

The total \$79,254 could be funded next year if a \$10 fee is implemented. However, the consensus of the committee is to set a lower fee.

The eligible requests are for "that period beyond what is necessary for classroom instruction and what the public would look at," Ron Young, dean of creative arts and humanities, said.

These requests include competitive activities.

The IRA committee decided not to fund field trips and purchases of new equipment, unless the equipment would be used on a one time basis. For example, KHSU's equipment request would be long range and not funded, but theater makeup would.

Making cuts

Creative arts and humanities requests were presented to the committee. Young discussed where cuts could be made.

He suggested cutting competitive trips down to one for forensics, limiting student one-act plays, printing Osprey,

the news magazine, on newsprint, and cutting a wire service for journalism.

The requests will be sent back to the school committee for further revisions.

After revising the per day rate, the intercollegiate athletics total came to \$21,500. However, if the sports total was raised to \$25,231, seven teams could go on one non-conference trip, Kerker said.

He added that the per capita student income at HSU is the highest within the state college and university system. "I don't see how this small increase would change the livelihood of our students," Kerker said.

Who's paying?

"You're assuming that students' parents are paying. That's not always the case," Teresa Martinelli, proxy for Associated Students Vice President Dave Bush, said.

Kerker agreed.

"Other school systems ask why fees are so low. It's because the students yell about the fees increases," said Gregg Cottrell, AS president and chairman of the IRA committee. "Just because it is a small fee increase won't keep me from fighting it."

A motion for \$25,231 to go to athletics was then tabled. Sports will receive \$25,000 from the AS next year.

The chancellor's office requested the IRA committee to set the fee by last Monday. Admissions and records requested the fee be set by today to meet their schedule for next year's applications.

But due to confusion over guidelines, and the research needed to make the decisions, the committee could not meet these dates. However, the fee may be set by next week.

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Nickel mining a possibility for the North Coast?

by Jim Hochlin

The disputed nickel mining operation potentially in store for the Red Mountain region of Mendocino County involves issues including giant corporation versus small-town environmental group, the legal effects of the seemingly outdated U.S. 1872 Mining Law, and a reportedly static demand for nickel.

The Red Mountain Association, an environmental group based in Leggett, is attempting to erase any future threat of a nickel mining operation involving 8,500 acres located at the Red Mountain region of northern Mendocino County, which is about three miles east of Leggett and about 15 miles south of Garberville.

Mining company officials, however, claim they have "no plans" for mining

"Red Mountain looks peaceful today, but it's the center of a growing controversy."

Red Mountain, at least in the near future.

"Red Mountain looks peaceful today, but it's the center of a growing controversy," said Bill Emerson, a spokesperson for the Red Mountain Association, at a recent Sierra Club meeting in Arcata.

"The controversy centers around the Hanna Mining Co.'s plan to strip the top of Red Mountain and Little Red Mountain to extract ore which is .5 percent nickel (ferruginous nickelferous laterite), and to send this to their smelter in Riddle, Ore.," Emerson said.

Smelting is the high temperature chemical process of refining pure metal out of ore.

The only existing nickel mine in the United States is at Riddle, Ore., near Medford. It is owned by the Hanna Mining Co., the world's largest producer of iron ore. The company also has mining operations in South America and Canada.

Emerson and others suspect that as Hanna's nickel reserves in Riddle have gradually depleted, the company has scouted for other areas in the U.S. for the purpose of nickel mining. Red Mountain is a case in point.

"About 3,400 acres (40 percent) on the 8,500 acres involved are mining claims on federal land. The rest is on private land which Hanna, over the years, has bought

up," Emerson said.

Mining regulations for federally owned land would come under the jurisdiction of the Bureau of Land Management (BLM), Ukiah District of the North Coast Resource Area.

Mining operations on Hanna's private land, however, would be subject to standards established by the state and Mendocino County, including regulations set by the California Environmental Quality Act (CEQA) and the State Mining Reclamation Act.

Members of the Red Mountain Association are discontent with the legal effects of the 1872 Mining Law, which has made it relatively easy for the Hanna Mining Co. to stake mining claims in the Red Mountain area.

Emerson maintained that he does not approve of "the use of public land for corporate profits."

Section One of the 1872 Mining Law declares, "all valuable mineral deposits in lands belonging to the United States both surveyed and unsurveyed, are hereby declared to be free and open to exploration and purchase . . . by citizens of the United States and those who have declared their intention to become such."

According to an article in the 1977 publication of the Council of Environmental Quality, the 1872 Mining Law "does not require any return to the public for the exploitation of public resources."

"The 1872 Mining Law is based on a single premise," according to the article, "one which dates back to Roman times: mineral exploration and development should have preference over all uses of the land because they are the highest economic use of the land."

"The Mining Law of 1872 allows anyone... to go onto federal land and stake a claim."

One of the most outstanding effects of the potential nickel mining at Red Mountain is the destruction it would cause to the aesthetic beauty of the area.

"There's lots of trees on Red Mountain," said Emerson, "and there's a magnificent view from the top, out to the ocean, and all across Mendocino County."

"As you approach the top of Red Mountain you come upon dark red soil . . . this is what Hanna is after, it's one of the oldest soils in California," he said.

If the Hanna Mining Co. were to

establish a nickel mine at the Red Mountain area, it would probably employ the bench mining method, used at its nickel mine in Riddle, Ore.

The bench mining process involves clear cutting existing timber on top of the mountain and removing the ore-laden earth from the mountain surface in stair-like steps.

The earth that is removed would presumably be dumped onto the valley floor.

A significant difference between strip mining and bench mining is that the strip mining process involves replacing the top layer of soil once mining is completed, whereas the bench mining process does not.

Hanna's nickel mine and smelter in Riddle, Ore. won the 1976 Exceptional Pollution Control Achievement Award from the Pacific Northwest Pollution Control Association.

"We've got deer grazing on the lawn in front of our smelter" in Riddle, said Charles Dowd, land manager for Hanna's western mining subsidiary, in a Jan. 14, 1977 article in the Santa Rosa Press Democrat.

Emerson maintained that both commercial and recreational salmon fishing would be hurt by the mining process, since it remains a distinct possibility that nickel could wash off the mountain and flow into the creeks and rivers, particularly Cedar Creek and Eel River.

"Salmon are extremely sensitive to nickel in water. It will kill them in low concentrations, and it affects their breeding in minute quantities," Emerson said.

"Another issue is erosion, flooding and water quality. The land on Red Mountain is extremely steep and has unstable soil with a high erosion factor," he added.

If nickel mining was established at Red Mountain, according to Emerson, it would not create a significant number of employment opportunities.

"They're very capital intensive, they're not interested in hiring people," he said.

In addition, Emerson asserted that nickel mining is a "health hazard," since it is "one of the top five cancer causers in industry."

The National Academy of Sciences' 1975 Panel on Nickel mentioned that "industries that use nickel or its compounds should maintain comprehensive health records on employees who are engaged in nickel-processing activities, such as mining. The exposure of workers to nickel-containing dust and fumes should be minimized."

"They're proposing an all-year-round operation with two shifts, 24 hours a day, with the use of explosives and also the use of trucks which have eight foot tires and which carry 180 tons at a time," Emerson said.

"The ore from Red Mountain will probably be concentrated on a site at Red Mountain and then sent by truck or by railway to the smelter in Riddle, where it would be processed," he said.

"Salmon are extremely sensitive to nickel in water. It will kill them in low concentrations..."

Red Mountain's ore contains only .5 percent nickel (14 lbs. per ton of ore), in comparison to the ore found at Hanna's mine in Riddle, which contains 1.3 percent nickel.

Hanna's engineers have reportedly estimated that there are about 50 million tons of nickel ore in the Red Mountain area.

"Something is happening all around the world. They're finding these low grade ores, that at one time no one would touch, and now they're buying land that contains this low grade ore because they have the equipment and technology that makes it economically appealing," Emerson said.

Nickel's "greatest value is in alloys with other elements where it adds strength and resistance to corrosion over a wide range of temperatures," according to "1970 Mineral Facts and Problems."

Hanna Mining Co. officials insist there is no immediate threat of nickel mining the Red Mountain area.

"We have no plans whatsoever" to establish a nickel mine at Red Mountain, said general manager Steve Matson.

The declining capacity of the steel industry was verified in a Feb. 13, 1978 article in Fortune Magazine, "Some (steel) companies went deeply into the red, two producers, LTV and Lykes, decided to merge, and plants with about three percent of the country's raw steel capacity were closed down for good."

Emerson, however, said that even of the Hanna Mining Co. were to "dropout" their interests in the Red Mountain area, "other companies would move in."

The Red Mountain Association is working to encourage citizens to write to the BLM in Ukiah and to urge them that the upcoming 1978 BLM Management Framework Plan should exclude mining

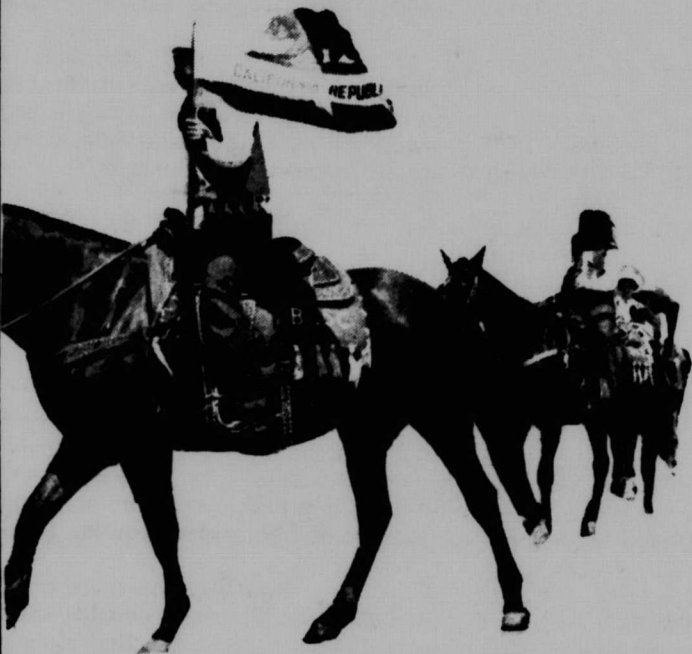
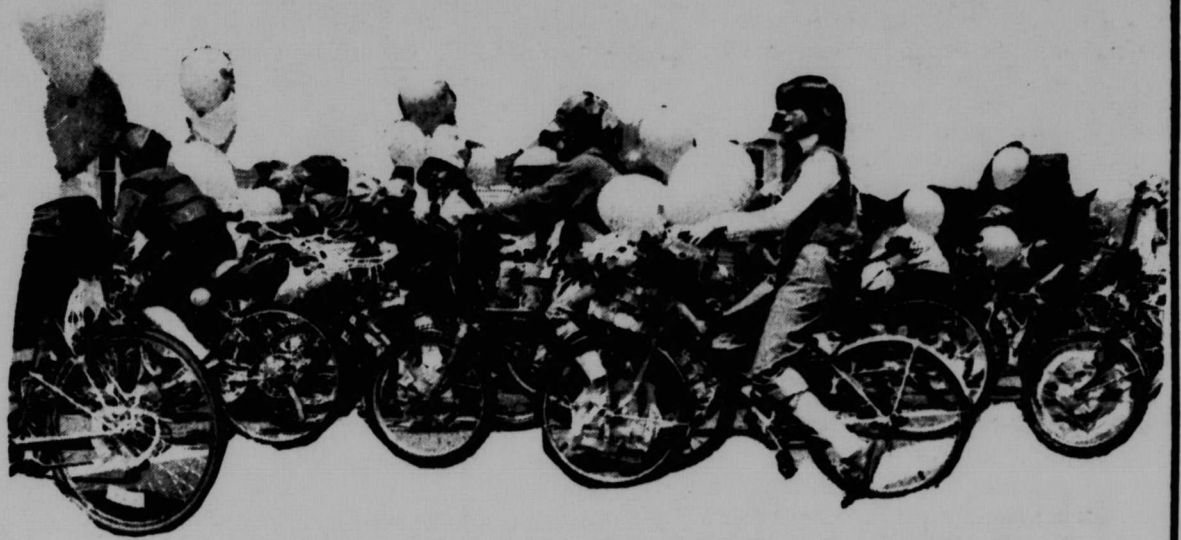
Everyone loves a parade



The Rhody

As the annual Rhododendron Parade passed through Eureka Saturday

the sun shone on (mostly) smiling faces.



Well, almost everyone

photos by Rick Green and Mara Segal

Spring comes to Humboldt and with it, azaleas

by Sean Kearns

The rite of spring now in bloom at the Azalea State Reserve compensates for abiding a Northcoast winter.

The large white blossoms of the naturally occurring azalea, tinged in pink and yellow, will hang on branches through June, attracting rufous hummingbirds. The reserve, off North Bank Road on McKinleyville's southern bluff, includes a self-guided nature trail overlooking the Mad River.

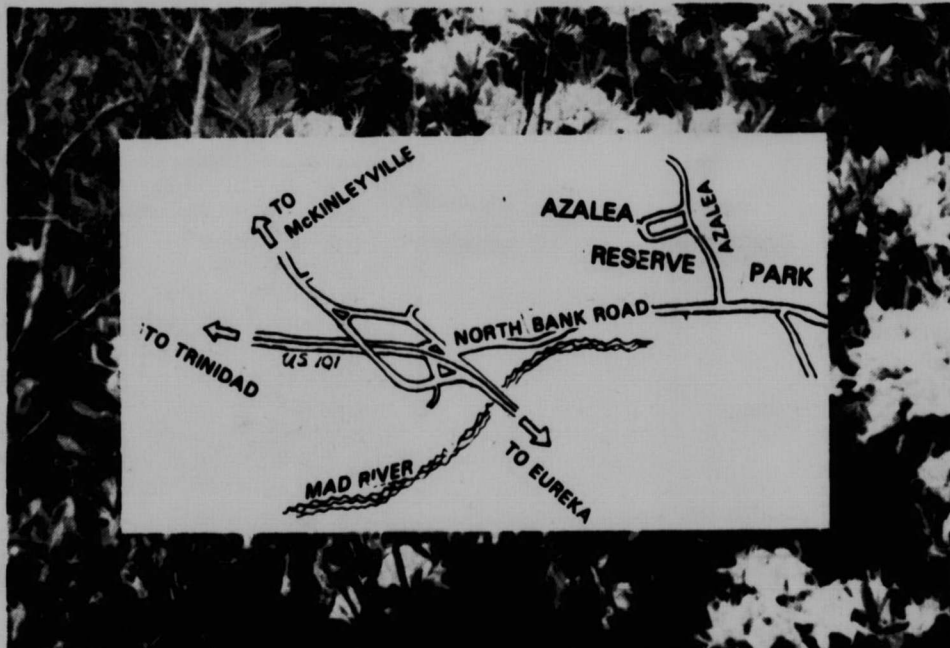
Redwoods are conspicuously absent from the trails. However, a few of the madrone and sitka spruce common in the area have massive trunks. Beneath them lady and sword ferns uncoil their fiddleheads amidst the myriad of greens along the wide, well-kept trails.

Although the reserve has no "braille trail," it offers many sightless sensations.

Throughout the brush, forest and riparian communities, a chorus of scrub and stellar jays, warblers and creepers sound off like a calliope convention.

California lilac

Blue blossom, also called California



lilac, smells even prettier than it looks. Beneath the lilac branches in the reserve, skunk cabbage often grows. Like its namesake, its demurring odor

can dismay a nose.

Deer eat blue blossom and Indians ate skunk cabbage, but the tastiest treats will not be available for a few months.

Oso, salal, huckle, and goose are four of ten types of berries in the reserve's summer cupboards. Just beyond a big blackberry patch, a grove of Oregon crab trees occurs naturally in the southwestern corner of the pint-size wilderness. A bit tart, its yellow gems are good in jams.

Unfortunately, not all is edible in this palatable paradise. Beware of the cow parsnip, which can reach 12 feet high with its white "umbrella" flowers. Its board three-lobed leaves are very poisonous and sometimes fatal to livestock.

Oops! Poison oak

Closer to hand, another three-lobed leaf notorious for its discomfort borders the trails — poison oak. Touching any part of this bushwhacker, the most widely distributed plant in California, may cause a vexing rash. Other plants, such as the needling spruce and berry brambles, are more direct with their tactile discomfort.

Fortunately, pleasant perceptions abound, making Azalea State Reserve a nice place for a dayhike, complete with picnic and binoculars.

Mara Segal — Muriel Wheeler

Energy class studies alternative technology

by Paula Audick

Conserving Humboldt State University's utility costs may result from the Alternative Technology class projects that apply energy conservation methods to campus buildings.

During winter quarter the class analyzed the Little Apartments, House 71, to determine yearly outside heat loss. They found the electric floorboard heaters lost 45 percent of their heat because the floors lacked insulation.

With a \$485 administration investment, the class insulated the floors and the water heater, weather stripped and caulked windows, and installed a glass

fireplace screen.

Phil Calabrese, the course instructor, estimated the project saved what they invested in a year's utility bills.

The idea is to save energy on existing structures and build new ones with better procedures, Calabrese said. By combining basic mathematics and measurements to theoretical formulas, student projects are geared to prevent heat loss and then increase the heat supply, he said.

Students in the class said their interests ranged from practical usage to plans to build their own homes in the future.

The class, Interdisciplinary Studies 190, deals with all possible energy sources — solar, wind, water, wastes and food, Calabrese said.

"It's a response to the quality of life not being equivalent to the amount of goods and things we have," he said.

Involved in alternative energy sources for a number of years, Calabrese suggested the course to Janet Erskine the director of interdisciplinary studies.

Originally a survey course of energy alternatives, the class expanded from lectures and guest speakers to involve more practical experiences. Students propose energy saving projects after

analyzing structures on campus, Calabrese said.

With more experience and organization as a full-time program next year, Calabrese said they will focus on more than one building and possibly go off campus.

One of the major problems is funding for the projects, Calabrese said. He said he is writing a grant proposal for next year, but this quarter's class is limited for project money.

The proposal that the class would save more money per year than they would spend should help in obtaining money from the administration, he said.

Hartford's finger-pickin' good

by Russell Betts

Playing his banjo, guitar, fiddle and feet, as well as the audience, John Hartford offered an entertaining and audience-involving Coffee House Concert at the Rathskellar April 22.

The seriousness of his pre-concert set-up was broken by a grin as he stepped up to the mike, tapping his feet on an amplified piece of plywood and playing his fiddle in a one-man riverboat song and dance.

While exemplifying his talents on guitar and banjo, Hartford added the audience to his collection of instruments, leading them through songs and hand clapping that joined with his bluegrass musical experience.

If something negative must be said about the concert, it would have to be the expense of the show. Paying \$5.00 would seem to deserve more than a little over an hour's worth of the main billing.

From humorous slaps on his cheeks, gasp and tongue clucking syncopations to the seriousness of performing "Gentle On My Mind," written by Hartford for

Glen Campbell, he showed a versatility in bluegrass from traditional to his own unique style.

With 13 albums out, including his new one, "All in the Name of Love", Hartford has been hectically touring.

He does his touring in a two-tone brown and silver converted bus that at one time housed a touring rock band. He used to travel by jet, but said his ears could not take it anymore. He prefers the bus as a means of slowing the pace of being on the road.

Born in New York and raised in St. Louis, Hartford has always wanted to play music. He practiced while working on a Mississippi riverboat before becoming a studio musician in Nashville. His session work led to a contract with RCA for whom he cut eight albums.

Hartford is a musician more in love with his musical expression than with performing before large audiences.

While he may never receive heavy media acclaim, Hartford will keep performing intimate concerts before small crowds like his showing here.

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McCrone says 'new changes' worth a celebration

by Muriel Wheeler

Humboldt State will hold its first public open house in several years on Sunday afternoon from 1 to 5.

"With the major expansion of our beautiful new library facilities now completed, the refurbishment of Gist and Founders Halls finished, the Student Health Center enlargement concluded and the accompanying clean-up work and landscaping done, we are in a position for the first time in several years to invite all our friends and neighbors to see what has been taking place on campus," President Alistair McCrone said.

There will be guided tours to principal points of interest that have been changed, redesigned or newly built in the past months. Parking areas will be open without charge throughout the afternoon.

Students are asked not to use the library parking lot Sunday to leave the space for the handicapped and the elderly.

Highlighting the festivities will be the formal opening of the library in a brief ceremony at 1:30 and the dedication of the Helen Addison Everett Reading Room at 2.

Everett came to HSU in 1939, became head librarian, retiring in 1967.

There have been four previous locations of the library. The first was in the Arcata Grammar School building (now Gist Hall) described in the 1919 catalogue as a "large, well-lighted room, equipped for study purposes."

The library boasted approximately 7,000 volumes.

In February 1922, the library was moved to Founders Hall's Green and Gold Room, where it stayed until 1953.

By 1950 it had over 25,000 volumes, which made it necessary for the library year by year, to take over other areas including classrooms and the tower.

More rapid growth from the mid-1950s on required the library to move into the Engineering Building, connected to the south end of Founders Hall in July 1953, and year later into the three-story building which forms the nucleus of the present structure.

Construction started on the new library in September 1974 and was completed in

March 1977.

The old library encompassed 52,000 square feet. An additional 98,000 square feet were built around it, bringing the total to 150,000.

The old library held a capacity of 157,160 volumes. An additional 242,840 volume stack area brought the total volume capacity to 400,000.

New CETA project will focus on handicapped

"Hire the Handicapped Outreach Project"—a new Comprehensive Employment and Training Act project—will conduct a public symposium on employment for the handicapped, May 23 at the Red Lion Inn, Eureka.

The project, administered by the Humboldt County Superintendent of Schools' Special Education Department, plans to make the public more aware that handicapped people can be responsible,

efficient employees.

Other goals of the project are: to make a survey of the vocational needs of local handicapped persons, publish a directory of vocational services available to them, and develop methods by which people with handicaps can effectively enter the job market. The project staff will work directly with a number of handicapped individuals to prepare them for appropriate work situations.



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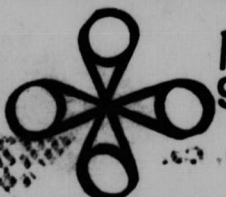


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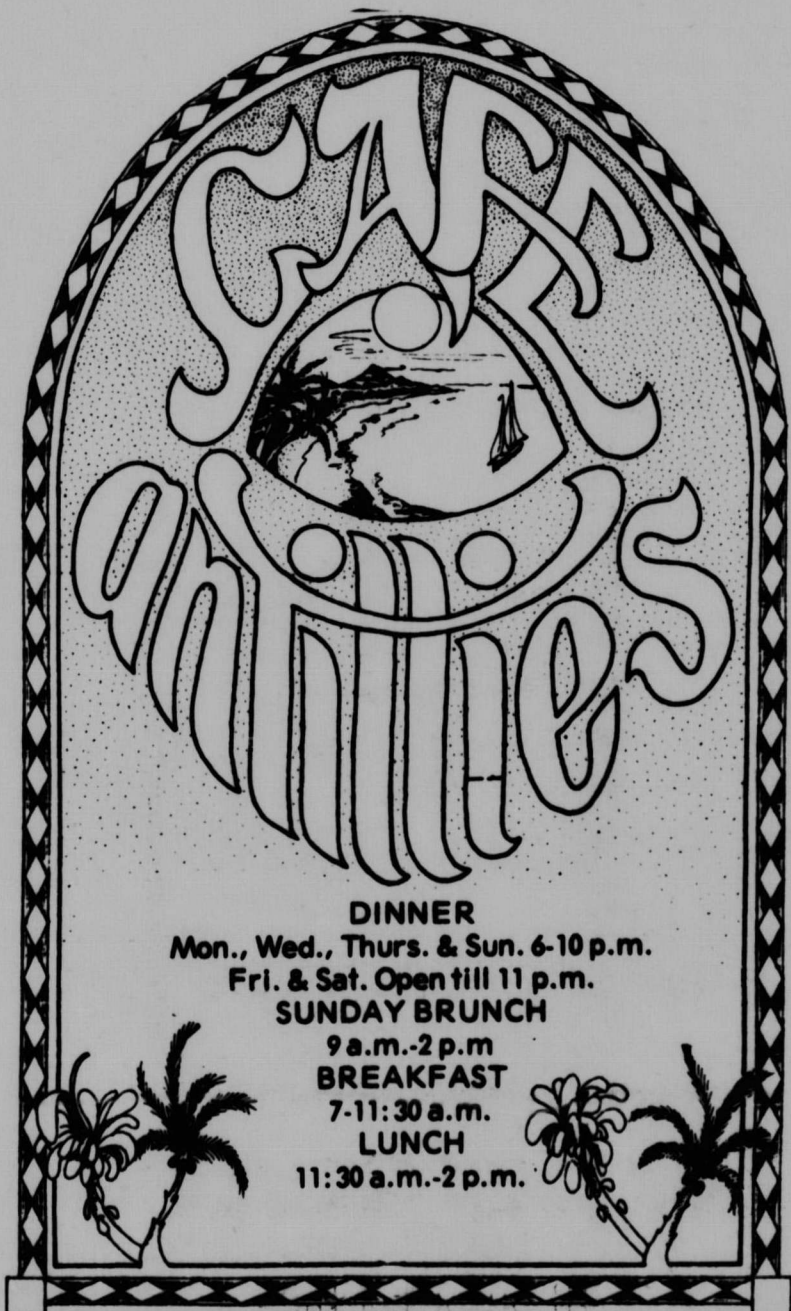
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Forestry department seeks accreditation

by Sherri McManus

A "biased" review by the Society of American Foresters denied the forestry department accreditation four years ago, but the department has reapplied for accreditation, according to forestry professor Gerald L. Partain.

"We informed the SAF that we would not apply for accreditation again until we made some improvements in our program and they made needed changes in their procedures and requirements," Partain said.

They knew something was wrong with their system when they couldn't accredit a school like Humboldt. They felt guilty as hell."

The decision to reapply was unanimously approved by the department.

Quality judged

"As I remember it," Partain said, "only a couple of professors had reservations and that's because they weren't sure if the department was ready to meet SAF's requirements."

Whitney W. Buck, dean of undergraduate studies, said, "In general, these societies tend to set up standards by which they judge."

Buck said some of the departments on campus look at the standards set by the professional societies and decide that they would rather not have that.

"What I'm saying," Buck said, "is that a lack of association with one of the professional societies doesn't necessarily mean a lack of quality. It may just mean a different type of quality."

Awkward dissonance

Skimming a letter from the accreditation review, Partain noted SAF said the department lacked sufficient faculty travel funds.

That problem has been partially solved, Partain said. The local timber industry has donated money to the department to help with travel expenses, he said.

Buck said, "Sometimes the professional societies set up an awkward dissonance between faculty and administration because we don't have the funds, equipment, faculty or space to meet the requirements for a department's accreditation."

Buck said the administration distributes its resources to best achieve quality throughout instructional programs. Sometimes this causes conflict because the institutional goals and characters aren't compatible with the professional standards.

The SAF also commented that the forestry department needed to redesign its teaching assignments.

"This problem," Partain said, "concerned the way we had our instructors cross training and teaching. We feel that it's a valuable way to keep informed about the different areas of forestry."

"They didn't like that," he said, referring to the SAF. "Their idea is that each professor should specialize."

"We have reluctantly come a long way in that," he said. "The addition of new faculty members has helped."

"They also criticized us for being too regional," Partain said. "They think we teach too much about redwood and doug-fir."

"I argued with the visitation committee chairman about that. He was from Iowa so he couldn't be regional unless he was going to study corn," Partain said.

He pointed out that forestry schools in the South study their pines, and schools

in New England are oriented regionally to their trees.

Another major point SAF was concerned about, according to Partain, was what it called "increased opportunity for scholarly activity." This arose from the fact that HSU forestry professors are on a nine month appointment and most other schools have their professors on 11 month appointments."

"Publish or perish"

"They are comparing us with Berkeley, where the instructors are teaching half the time and doing research the other half," Partain said. "They still believe in the old standard of 'publish or perish.'"

"They didn't see that our instructors have the opportunity to go out and work for the summer if they choose, and some do," he said. "We think that it's good for the instructors to get out into the industry and with public agencies and get a different look at things."

Buck said, "Some professional societies are more research oriented in their standards and some are more oriented toward an applied standard."

The procedure involved

Partain said, "A letter of application has to be sent to the SAF telling them we want to apply. We have to prepare a self-study document assessing our strengths and weaknesses. SAF then appoints a visitation team. The team comes and talks with students, faculty and administrators and then prepares a written evaluation."

Partain explained that the visitation team's report is considered at annual national SAF meeting. The members discuss the report and make recommen-

dations to the SAF council. The council's vote is the deciding factor.

Degree not everything

Because of the time involved, HSU won't be reviewed until 1979.

In former days a college degree virtually assured a graduate a position, Buck said.

"Things are different today. A college degree doesn't serve as an automatic key anymore."

"When an employer has 90 applicants to fill 10 jobs, he has to start eliminating people. When he gets down to making those decisions, coming from a school that is accredited by a professional society could very well be a deciding factor," he said.

Partain said, "As a result of our complaining, SAF has changed, and so have we. I think we will make it this time."



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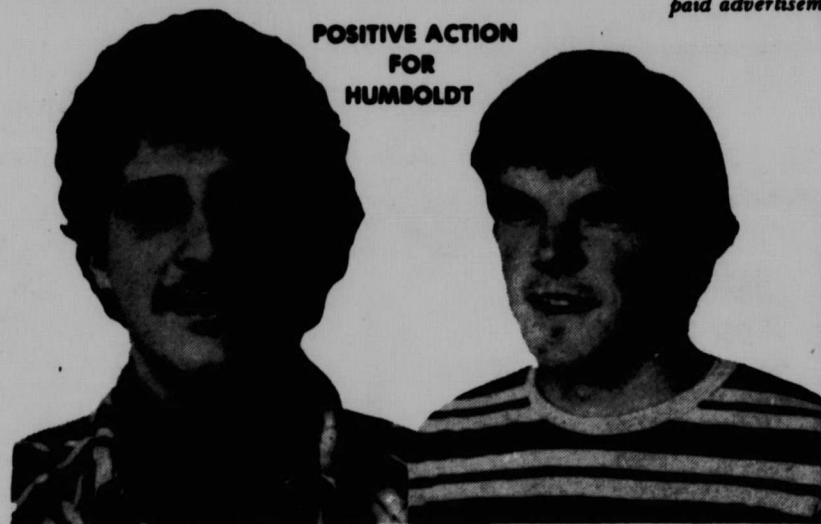
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Animal behavior may indicate earthquakes

by Jim Iavarone

Scientists from the Stanford Research Institute are looking for Humboldt County volunteers who will help them research the possibility that earthquakes can be predicted by observing animal behavior.

Dr. Leon S. Otis, research director, is especially interested in anyone living between Garberville and Arcata who is in daily contact with domestic or wild animals.

"We are going to attempt to set up a reporting system with animal observers," Otis said. "The volunteers will be expected to tell us what kinds of animals they are observing and report the animals' behavior weekly on a toll-free hotline."

\$50,000 contract

SRI has received a \$50,000 contract from the U.S. Geological Survey to evaluate the degree to which unusual animal behavior is related to seismic activity. They will determine if a

relationship exists by comparing the volunteers' observations with scientific geological studies such as earth tilt recordings, geomagnetic observations and soil current readings.

The impetus for this research comes from the emphasis Chinese seismologists put on using animals to predict earthquakes. Though the Chinese have not had 100 percent success, they have used animal observations, along with other scientific methods, to predict 11 earthquakes. The prediction of the Haicheng earthquake in February, 1975 saved thousands of lives.

Possible connection

"All we're trying to find out right now is if there is a tenable connection between animal behavior and earthquakes," Otis said. "If so, later we'll get into specifics as to what exactly unusual behavior is and what causes it."

SRI has access to all information on seismic activity in this area. Otis stressed that only reports of unusual

behavior received before a seismic event occurs will be considered as usable data in their analysis.

"We don't expect our observers to give us precise descriptions of unusual behavior," Otis said. "If they just feel at a gut level that their animals are acting strangely, we want to know about it."

Otis is hoping to get volunteers from ranches and dairies, but he said it would be valuable to have volunteers who come in frequent contact with wild animals, too.

"Wild animals may be more sensitive than domestic ones," he said.

A spot check of local ranchers did not turn up anyone who had observed strange animal behavior before an earthquake, but none of them reported ever thinking about making such observations either.

According to Otis, the length of time the research will go on depends on how sensitive animals are.

"If they respond to earthquakes people



can't feel—OK," Otis said. "But the research will take longer if they only respond to bigger quakes, which don't occur as often."

Volunteers can contact Otis by writing: Earthquake Watch, P.O. Box 2995, Stanford, CA., 94305.

Volunteers will receive a monthly newsletter to keep them up to date on the progress of the research.

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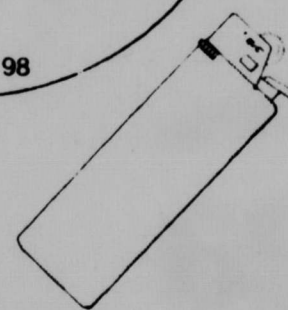
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Curtis' consistency drives opponents 'crazy'



Humboldt's No. 1 tennis player Cathy Curtis wins by taking the game seriously.

by Dennis Weber

It has been a tough season for the HSU women's tennis team.

The team, only once a winner, has been hampered by poor weather, a short schedule and inexperience.

Despite such adversities, one woman has stood out match after match with her consistently good playing. She is Cathy Curtis, a sophomore from Beverly Hills.

Curtis is the team's No. 1 singles player and half of the team's No. 1 double, pairing with sophomore Katy Muldoon.

For such an accomplished tennis player, Curtis is a comparative newcomer to the game, having played for only five years.

Coming from a relatively non-athletic family, she became an avid tennis player when her family moved into a home with a built-in tennis court.

"I had to think of a way to put the court to use," she said.

She has never had a formal lesson and has taught herself the game with the aid of high school coaches and HSU Coach Evelyn Deike.

Tennis is important to Curtis but not an obsession.

"It's something I enjoy doing," she said. "It's a nice release at the end of the day. I can think about tennis instead of school."

Referring to people who eat, sleep and breathe tennis, Curtis commented, "If they like it, that's fine, but they sacrifice so much. I feel it's limiting."

Coach Deike characterizes Curtis as an "intelligent player who will change her style if it's not working. Her lob and soft shot game can drive opponents crazy."

Deike calls this year's team one of the best in her 11 years of coaching at HSU.

"We look so good, but everyone else seems to improve too."

This year's team is young, made up of four sophomores, two freshmen and a junior. The team is grounded in the fundamentals, Deike said. It is now a matter of gaining confidence and polishing skills through experience.

"They get stronger with every match," said Deike.

Lumberjack Sports

Fellow teammate Muldoon is also impressed by Curtis' low-power game.

"She's really consistent and that's what makes her good. She plays a tough game, never gives up and always hangs in there," Muldoon said.

"It's a very mental game," Curtis said. "I take it seriously when I'm on the court. All I think about is hitting the ball, nothing else is on my mind."

Beaten better

It is this kind of concentration that leads her to say, "I feel I have beaten people who are more talented."

The Curtis-Muldoon partnership has evolved as the team's best doubles unit this year.

"Katy and I get along well," Curtis said. "She has a lot of what I don't—like her overhand. There's times when I yell 'Katy help' and she's there."

Muldoon concurred, "We compliment each other."

Humboldt's weather and isolation are a hindrance to the team. The rain has forced cancellation of three matches this year and often sends the women indoors to the confines of the West Gym for practice.

"Playing indoors all week, then having a match outside definitely makes a difference," Deike said.

Curtis is less subtle.

"It's a pain. Half the fun of tennis is being out in the sun," she said.

Deike added, "We are fortunate to have three indoor courts."

Distances from other schools curtails Humboldt's schedule and deprives them of valuable playing time. League opponents such as Davis and Sacramento have as many as 25 non-league matches to prepare for league play. Funds are not available for the team to accommodate an extensive schedule.



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Sports Shorts

by Eric Wieggers

Baseball comes home this weekend

The HSU baseball team is looking forward to a three-game series this weekend after losing two out of three at San Francisco State last weekend.

Reviewing the action, the 'Jacks won the first game Friday 4-2. In the second game of the doubleheader Humboldt lost its batting eye and the Gators recovered theirs to win 5-2.

The third game Saturday, played under clear San Francisco skies, was close. SF State won in the ninth inning on a solid base hit into Humboldt's outfield. Gator Dave Oefinger hit that one giving him a five for five average for the game with four RBIs.

HSU pitcher Mike Gamboa absorbed the loss going all nine innings and surrendering five runs, 13 hits, walking two men and only striking out two. His season record is 2-3.

Now with a 4-8 Far Western Conference record and a 7-17-3 overall record, the Lumberjacks stay at home this weekend to face Stanislaus in a three-game series. The first game begins at noon Friday.

Men's track take 8 firsts

Although the HSU men's track team won eight of the eleven track events, losing all eight field events spelled defeat for the Lumberjacks against Chico last weekend. The Wildcats won by a narrow 87-76.

Even after losing, Coach Jim Hunt is pleased with his team's performance. "The people I'm counting on for the Far Western Conference meet are improving," Hunt said.

The improvement was obvious. Nine HSU men had personal bests against Chico. Among them was John Gill winning the 200-meters in a time of 22.34.

Jeff Sharp won the 800-meters in 1:53.84, and Ken Hammer took first in the 15,000-meter race with a time of 3:52.71. Humboldt's 400 and 1,600 meter relay teams also were victorious.

The men are not competing this weekend except for Paul Heide and Ken Hammer who are off to the West Coast relays meet held in Fresno. Hammer is ranked at the top of the conference with his 3:52.00 time in the 1,500-meter race.

In two weeks, Coach Hunt will take his best team members to the FWC championship meet held at U.C. Davis.

Grigsby, Craven set records

Sue Grigsby and Carrie Craven keep getting better in their distance events. Just last week while in Ashland, Ore., both girls broke the Golden State Conference records in their individual races.

Craven, a freshman from Ohio, clocked a 4:35.24 time to set a new school and conference record in the 1,500-meter race. Grigsby ran a 2:17.39 800-meter race for the new conference mark but did not set a school or personal best. She ran a faster time last year.

Humboldt won the overall competition rounding up 57 points over Oregon College of Education's 46 and Southern Oregon's 40 points.

The women tracksters are also off for a week while getting ready for the Golden State Conference Championship meet held at Chico on May 13.

However, distance runner Sue Grigsby will be in the Berkeley Invitational meet this weekend at Berkeley to try and qualify for the national meets held later in May. Grigsby will attempt to qualify in the 5,000-meter race and coach Joli Sandoz says Sue stands a good chance of doing it.

Tennis team winding up season

Humboldt's No. 1 seeded player Cathy Curtis won her match against San Francisco State last Saturday, but the rest of the tennis team could not win. The women lost the match 7-2.

Curtis beat Helen Choy of S.F. State 6-4, 7-6. However, when Curtis teamed up with Katie Muldoon in the No. 1 doubles competition the SF women were able to beat the duo in three sets 5-7, 6-3 and 6-3.

One other victory for the HSU team came from fourth-seeded Karen Moore who beat Teri McHenry of San Francisco 6-2, 6-4.

This coming weekend the women travel to Hayward for the conference championships held Friday and Saturday.

Stroke...stroke...stroke

Rowing action on Humboldt Bay was limited to two races last weekend. The Lumberjack heavyweight crew team beat the California Maritime Academy by 12 seconds to win that race. But HSU's lightweights were edged by the academy's lightweights by nine seconds.

Next weekend the crew team hosts the University of Oregon and Lewis and Clark University on the Humboldt Bay waters starting at 9 a.m. at the foot of K Street in Eureka.



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Frisbee flinging...

by Andrew Clark

The frisbee, once seldom seen in Humboldt County, has caught the interest of enough people that it is now offered as a P.E. class at Humboldt State.

Two frisbee classes, beginning and intermediate, are being taught this quarter by graduate student and world class frisbee player, Jeff Soto.

"When I first moved here," said Soto, "I had trouble finding anybody to play with." Soto does not have that problem anymore. Both his classes are filled with over 40 people.

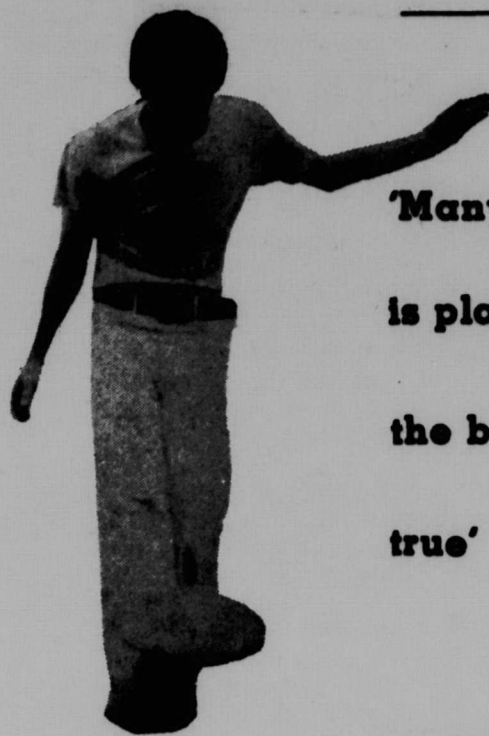
Soto says he tries to teach his classes the basic throws and catches, while also

exposing people to the wide variety of games that can be played with a frisbee. Long hair's sport

"Many people still think frisbee is played by long hairs on the beach," said Soto. "That's just not true."

In fact, so many different individual and team activities have been developed that the International Frisbee Association prints official rule-books for various frisbee games and individual events.

One of the most popular frisbee games is Ultimate Frisbee. A combination of soccer and basketball, Ultimate is played on a large field. Played with seven-man



'Many people think frisbee is played by long hairs on the beach. That's just not true'

'When I first moved here I had trouble finding anyone to play with'



photos by John Flinn

teams, the object of the game is to score points by throwing the frisbee to a teammate in the goal area. Once a person has caught the frisbee he cannot take another step until he has thrown it. The player with the frisbee is allowed to pivot one foot.

According to Soto, Ultimate Frisbee is a non-contact sport which requires a lot of physical ability to play well.

Campus club

Last year Soto helped establish a frisbee club on campus. Calling themselves the Humboldt Flying Disc Connection, the club is affiliated with the International Frisbee Association and is eligible to field teams in nationally sponsored events.

The club is open to all HSU students and currently has 35 active members.

"My idea in starting a frisbee club was to expand and strengthen the frisbee family in this area," Soto said. "All the players look at themselves as one big family."

Earlier this month, the Humboldt Flying Disc Connection participated in the 1978 Western National Ultimate Frisbee Championships, held at Stanford University in Palo Alto, Calif. About 16 teams from Washington, Oregon, California, Arizona, New Mexico and Colorado competed in the tournament, with the winner earning the right to meet the winner of the Eastern National Championships for the national title.

(Continued on next page)



ATHLETE OF THE WEEK

CATHY CURTIS

**SOPHOMORE
TENNIS**

Cathy won her match against San Francisco State 7-6, 6-4. That ups Cathy's Golden State Conference record to 5-1. Cathy is HSU'S No. 1 Singles Player.

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Peace Corps/VISTA Recruiters
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May 9, 10, & 11
Career Placement Center
Nelson Hall West
9:00-3:00
General Information
Table Outside Student
Cafeteria 9:00-3:00 p.m.

paid advertisement

(Continued from page 18)

Humboldt's Flying Disc Connection finished sixth as the defending national champion Santa Barbara Condors captured the Western Championship.

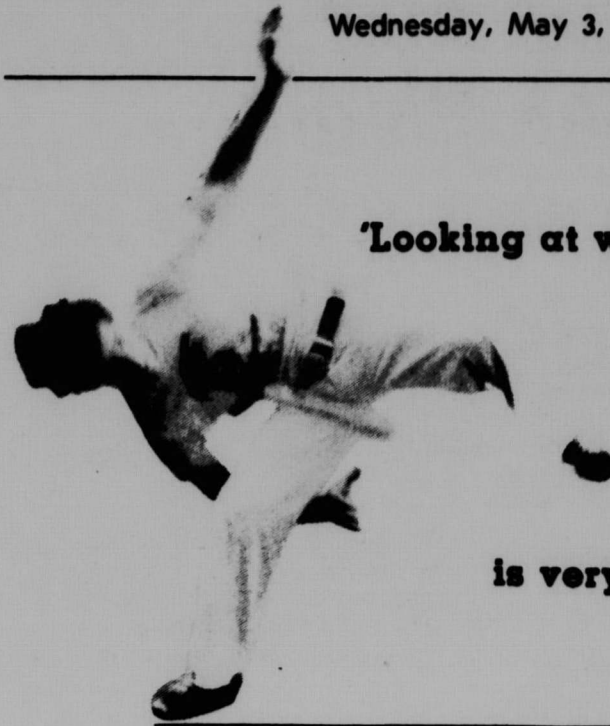
The frisbee has also landed in intramural sports with Double Disc Court Frisbee offered for the first time this quarter. Double Disc is a game which consists of two-man teams.

The object of the game, which is played with two frisbees, is to land a frisbee in the opponent's square without letting any part of the frisbee fall out of the square.

In addition to being able to participate in intramurals, P.E. or the frisbee club, there is also a frisbee golf course on campus. Instead of rolling a frisbee into a hole, the frisbee golfer throws the frisbee at a target. The course on campus is centered around the P.E. facilities and also stretches through the trees.

According to Soto, there are a number of frisbee golf courses in California.

"Some of them even charge you to play," he said.



'Looking at where we were

two years ago

and where

we are now

is very encouraging'

'My idea in starting a

frisbee club was to expand

the frisbee family in the

area'



Soto, who says he "plays as a hobby," has been invited the last two years to participate in the International World Frisbee Championships held at the Rose Bowl in Pasadena, Calif. Last year Soto tied for 19th in total points. Soto specializes in freestyle frisbee and finished 7th in that event during last year's world championships.

Freestyle frisbee is thought of as a creative dance form by Soto and anybody who has even seen expert freestylers know why. Freestylers put the disc

through a wide and varying array of maneuvers before finally catching it.

Soto says the sport of frisbee is still in the infant stage but is growing rapidly.

"Up here I tried to get people interested slowly," he said. "Slowly but surely you build a foundation."

"Looking at where we were in Humboldt County two years ago and looking where we are now is very encouraging," said Soto. "Now there is not only club activity, there is intramural activity and a frisbee class."

...catches on at HSU

Lumberjack Classified Ads

NOW YOU CAN place your classified ads in the Lumberjack deposit box. It's located just inside the HSU library. It's easier!

Housing

ROOMMATE WANTED. Share rent, 2-bedroom house. \$100 per month, utilities included. 839-0465.

FOR RENT: Room in 3-bedroom house. Large yard. Pets okay. Eureka. \$110 per month includes utilities. Near business. After 5 p.m., 1-488-2862. If no answer call 442-6340.

DON'T WALK all the way down to the housing office. Advertise your apt. or room in The Lumberjack, Nelson Hall 6. Only 75c.

WILL BE MOVING TO ARCATA as soon as June, no later than July. If you will have an open room during this time please contact me with details. Steve Welter, P.O. Box 7542, Mammoth Lakes, CA 93546.

For Sale

WEDDING RING SET. Quality diamond engagement ring, one large and two small diamonds and 14k gold wedding band. Appraised locally for \$645. For sale, \$545. Call Bob at 445-1290.

FOR SALE: Trumpet, \$100. Good condition. Great for beginner or more advanced players. Call Curt at 822-6939.

NORTHCOAST SKATEBOARD AND MOUNTAINEERING in Eureka, 407 4th St. New owner. Complete supplies for the rock climber and skateboarder.

SANYO AM-FM CASSETTE CAR STEREO system complete with two Pioneer speakers and wires, \$100. It's in good shape and it sounds great! Please call, 677-3969.

USED 10-SPEEDS, \$49; also pro. Masi, Peugeot, Gitare, Raleigh, Stella, Motobecane. Used Campagnolo parts. Also wanted: bikes and parts. 677-3952.

FOR SALE: Camper shell for Datsun or other Japanese truck with standard bed. 33" high, \$150. Call Mike, 443-6193.

'69 MERCURY MONTEGO, 6 cyl. Runs and looks really good. \$600. 442-0721.

SCUBA GEAR, regulator suit, weights, cheap. 1898 Martin Guitar. \$400. Call Dr. Hodgson, 839-4140 evenings.

GOOD STUFF: Lyle folk guitar, K-2 skis with poles and bindings, Kelly backpack mahogany eight-drawer desk. Worth its weight in gold. Call and see. Dave, 822-1860 evenings.

Help Wanted

PHOTOGRAPHER NEEDED for July 8 wedding. Would like to see examples of work in color and B&W. Call Mrs. Noble at 442-0721, evenings.

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WORK-STUDY. OFFICE-PRODUCTION MANAGER — general office management including staff training and organization of computer typesetting system. Training provided. Typing skill and knowledge of offset copy preparation required. \$3.01 per hour, 10 hours per week, 28 weeks.

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The Lumberjack

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ADDRESSERS WANTED immediately! Work at home. No experience necessary. Excellent pay. Write American Service, 8350 Park Lane, Suite 269, Dallas, TX 75231.

Personals

Z HARTLEY: Why waste your time with beers and shrooms? Wiggle your toes and reach your tongue to your nose. Ah come on kiddo, live!

TRADED: Sunset Varsity Ping Pong traded for Polish Rookie Squad. Poles prove superior in league play. Team leaves for Warsaw tomorrow to face Polish cripples.

TO THE HSU OVERWEIGHT CREW TEAM: Congratulations on your win over the University of Washington at the Corvallis Invitational. —The Skinnies.

ERNIE!! Wasson-Ensantina bolanderi never had it so good—Going to Santa Cruz? Make a collection for me—a little double-dutch and you've got it—hugs, General Waste Moreland.

HAPPY BIRTHDAY HEIDI-HO and Cloe.

ANNOUNCING—Carmody's birthday May 4. Lines forming for birthday kisses at 9 a.m. at the 11th Street Arcata Zoo. Happy Bee-earthday, Carr!

Miscellaneous

FLY TO AUCKLAND, NEW ZEALAND for \$349 one way on Pan Am's Budget Fare. Only \$239 to Pago Pago, American Samoa. A.S. Travel Service, NHW 128.

ONE WAY CHARTERS TO EUROPE finally approved by the CAB! \$245 from West Coast. For further information come to A.S. Travel Service, Nelson Hall West 128.

TICKETS! Double Absurdity and the Cosmos Concert in San Francisco May 19. First concert of world tour. Two tickets, third row center, \$20 each. 826-4600.

EXPERIENCE THE EXCITEMENT of the Gold Rush era. Pan for real gold during Lumberjack Days, May 19, 20, 21. Sponsored by the Geology Club.

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HSU extension course

Climbers come to the rescue

by Dennis Weber

Scaling up and down rock surfaces from sunup to sundown in rain and cold is not most people's idea of a good time.

However, to the members of Humboldt State's mountain rescue class, it's all part of the experience.

Offered through the UC Extension program, the course is taught by Leo Larson and John Lapham.

Larson boasts several years of climbing experience and has served with the mountain rescue unit in Grand Teton National Park.

Lapham is also a veteran climber and will work with the Montrose, Ca. Sheriff's rescue squad this summer. Both are past teaching assistants of the course and became instructors when recommended by exiting teacher Tom Ellis.

Vigorous activity class

Mountain rescue, in its third year of existence, is a vigorous activity class which drills participants in the basics of rock climbing and mountain rescue. The class consists of three one-hour lectures on Monday nights reinforced by actual field instruction on six Saturdays.

The Saturday trips are rugged all-weather affairs. In-class instruction ranges from basic climbing knots and techniques to first aid, taught by local physicians, to meteorology explained by HSU Professor Richard Stepp. In all, 110 hours of total training are completed.

"Ninety-nine percent of the people want the class for Forest Service and National Park Service jobs," Larson said.

Experience not necessary

Lapham explained that climbing experience was not a major requirement. "We get everything from people who have never been on a rock to those that have climbed Mount McKinley," he said.

"We start with the fundamentals, then we work up to rescue, piecing it all together." The class final is a night time rescue operation.

The course is not only time consuming but money consuming as well. Costing \$30 for the extension fee, and another \$30 for books and equipment, it all adds up to an expensive one unit.

"If the class was more than one unit we'd have to charge \$30 more for each extra unit," Larson said.

No complaints

Past students felt the course was worthwhile and have no complaints. Former teaching assistant John Dittle said, "I feel rescue technique is a necessity to know — it can get you out of rough spots one can get into. Looking back, it was worth it."

Another former student, Bob Huffstutler said, "It broadened my experience. It was worth the time and money I put into it."



by Debbie Apuli

Members of the newly formed Redwood Rail Revival said responses to their recent survey showed strong local interest in a passenger train route between the North Coast and San Francisco.

The group, which is trying to re-establish passenger train service locally, had the survey printed in recent issues of The Lumberjack and the Times Standard and has received over a hundred responses.

The idea was well liked for various reasons, ranging from the "comfort and convenience" of rail travel, to gasoline prices and the energy crisis, Rail Revival member Michael Matthews said.

Many of the survey responses came from the parents of young children and senior citizens. They said being able to move around in trains would make rail travel easier and more comfortable than cars which are more confining.

A social event

The social aspect of rail travel was also mentioned. Group member Al Chatworthy said, "One of the most sociable events when I was young was when we went on out of state train rides to football games — the parties on the trains were great."

The last run of a passenger train locally was in 1968, Matthews said. The service closed because of a "lack of demand, and general economics," he said. Gasoline was cheaper then and people preferred to drive cars rather than take trains in the 1960's.

In 1975, a local group formed to try to bring rail service back to the area but

was unsuccessful. Wesley Chesbro, Arcata city councilmember and a member of the new rail revival, was also involved with the 1975 effort. He said the problem with the old group, the North Coast Rail Foundation, was a lack of organization. The group generated a lot of enthusiasm but fell apart after one setback.

Chesbro said, "I think we put the cart before the horse by not organizing well before starting work on a special event — a special Memorial Day run of a passenger train."

Attitudes changed

Group members said the passenger train service was more likely to succeed now because attitudes towards energy consumption have changed.

"Even for the people not concerned with conserving resources, the rising price of gasoline might encourage alternative transportation," Gary Jackson, a groupmember, said.

Matthews said the organization of rail revival is in progress. "It is a long process but we are realists and see the need for a well organized group."

The group has not made a concrete proposal yet, but Matthews said there are three main goals. The first is just to set up the group and form committees.

The second goal is a meeting of interested persons from counties along the rail route. The organization plans for the meeting to be combined with an excursion on the Skunk Train that runs between Willits and Fort Bragg. "The Skunk Train meeting will be a good interest indicator," group member

Suzanne Guerra said.

When the organization is well-established, members will work on the third goal — a request that Caltrans make a feasibility study of the passenger service.

Matthews said the cost for the rail service, if the authorities approve it, would be split three ways between the individual counties, the state and Amtrack.

No profit

There may be opposition to the rail service from the train companies. "The companies wouldn't make money off the passenger service," Matthews said.

State assembly candidate Douglas Bosco suggested the group apply for some of the \$33 million the area is getting from the Redwood National Park expansion. "Railroads are a real good source of jobs and would help the tourist industry," he said.

The rail revival has not yet studied how far south a passenger train could travel. The group plans to study the possibility of linkups between their route and trains going to other parts of the state.

Trains take longer

The last passenger train from the North Coast went to San Rafael in 12 hours. The time factor could possibly discourage people from traveling by train, Jackson said.

However, Guerra said if the 55 mph speed limit is enforced, "people aren't going to be able to drive to San Francisco in eight hours anymore." She added the time element may then be less important.

RR revival touted as good idea

Passenger train could connect San Francisco and North Coast

