

LumberJack

Wednesday, April 06, 2011 Vol.98 No. 10 www.jackonline.org

An Unexpected Discovery

HSU student finds missing moss

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Tangled up in Brew

8 Redwood Curtain Brewing celebrates
one year anniversary.

The Nature of Communication

Uncovering messages sent through
chemistry.

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Cover

Design: Jacob Horn
Photo: Derek Lactaoen

Mission Statement

We strive to act as a watchdog of those instituting policy that affects students and their surrounding communities. We are a newspaper for students, by students. Our goals are honesty, accuracy and originality in reporting. We will hold ourselves accountable for errors in our reporting. We invite all readers to participate.

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Corrections

- Jordan Sayre's name was misspelled last issue
- Nicholas Preciado's name was misspelled last issue
- Catherine Wong was credited for the photo for the arson story, when Nichole Parada actually took the photo

If you have any **Corrections** contact us:

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MISSING MOSS

HSU Student Makes Botanical Discovery

Jordan Sayre
Opinion Editor

In a lush area of Big Lagoon, Botany student Andrew Thran made a botanical discovery never before seen in California. While Thran conducted research for his tissue culture class, he found *Sphagnum palustre* with sporophytes, a fruiting body of moss that can reproduce.

"It is really exciting because as botany students many of us fantasize about discovering a new species or finding a plant somewhere that nobody else has, and one of our own actually did it," says HSU botany student Adrienne Simmons.

Thran says that it was nice to see a little bolstering of the enthusiasm from his peers. He thinks it is important to learn in class but feels that students should embark on personal interests. "This was a serendipitous find, but being educated and going out in the field go parallel together."

"I was really skeptical at first because it had never been seen, I was thinking 'could it really be me?'" says Thran. "I'm just an undergrad student going around in the forest that just happened to see what these moss experts had not found." He remembered reading in his Lichens and Bryophytes class that this was something that, while common on the East Coast, has never been found in California.

Thran brought in the sporophyte to show Marie Antoine, an HSU botany teacher who specializes in Redwood forest ecology. The two looked at the sporophyte through a dissecting scope. He keyed the moss using the skills he learned in his Lichen and Bryophytes class, but to be sure he contacted the California Botany Society. The Society confirmed it to be the first found in California.

"Andy's discovery of the *Sphagnum palustre* with sporophytes is a perfect illustration of the difference between 'rare' and 'rarely-



A closer look at the *Sphagnum palustre* with sporophytes discovered by HSU student Andrew Thran. | Adrienne Simmons

looked-for,' says Antoine. "I always suspected that the absence of fertile *Sphagnum* in California was simply due to the fact that most people don't spend much time poking around in bogs."

This discovery contributes to science and to the ecology of this moss. "Thanks to Andy, the next edition of the California Moss Key should no longer read 'Sphagnum has never been found with sporophytes in California,'" says Antoine.

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RICHARDSON GROVE ROAD WIDENING UP FOR BID

Emma Nation
Staff Writer

Hours after a landslide closed Highway 101 north of Redway on March 30, Caltrans spokesperson Julie East announced the agency would open contract bidding for the Richardson Grove Improvement Project this summer. Caltrans considers the project a long-standing transportation priority for Humboldt County.

Despite the announcement, the "proposed advertisement date" for the project was still listed as April 2011 on the agency's website as of April 6.

Caltrans says the road through the state park needs to be widened to accommodate longer industry-standard (STAA) trucks in anticipation of increased goods movement in and out of the county.

The Surface Transportation Assistance Act, passed by Congress in 1982 and implemented in California the following year, allowed larger trucks on the national highway system. STAA trucks are now the standard commercial trucking vehicle throughout the United States.

These trucks can have longer trailers than California-legal trucks, but usually the difference in length is associated with cab size. Trucks with sleeper cabs necessary for interstate travel are usually what put the overall length of the truck over the current legal limit through the Grove. The 80,000-pound weight limit is the same for all trucks regardless of size.

Caltrans expects the road widening, a joint project of Caltrans and Federal Highway Administration, to be at least partially funded by the federal government.

Nearby roadside businesses expect a disastrous tourist season this year. Caltrans planned to have construction-expected to take 170-190 days--under-

way by this summer.

Kerul Dyer, outreach director at the Environmental Protection Information Center (EPIC) says the revised start date is consistent with her understanding of Caltrans' contract schedule.

Dyer is possibly the project's most outspoken opponent. "Caltrans is not coming clean," Dyer said last Friday. "There was no review of cumulative [environmental] impacts. We have to do everything." She is referring to the work of holding Caltrans accountable for the project's environmental review.

Dyer points to significant omissions in Caltrans's Final Environmental Impact Report (FEIR), released last May, that she says did not adequately incorporate, utilize or register feedback--about 800 public comments--to the draft EIR released in December 2008.

In June 2010 a coalition of conservation organizations and citizens including EPIC, Californians for Alternatives to Toxics and Center for Biological Diversity filed a lawsuit in the San Francisco Superior Court charging Caltrans with failing to seriously consider other options (legally required when building roads in a state park), lack of adequate study into the environmental impacts of the project and failing to provide adequate documentation to support its findings of no significant impact.

Caltrans asked for and was awarded a change of venue to Humboldt County in November.

Dyer says Caltrans initially intended to certify the project without any environmental review, despite the fact the road goes through a state park with numerous old-growth redwoods and a variety of protected and endangered species.

One reason EPIC asked for an injunction on the project is because Caltrans did not allow the public to register feedback to a second environmental draft report. Instead, they certified the final draft with the state, with a finding of no significant impact, one day after its publication.

"To pass legal muster," the lawsuit reads, "an agency's responses to comments must specifically explain the reasons for rejecting suggestions...[and] for proceeding with a project despite its environmental impacts."

Potential impacts include loss of habitat for numerous protected and endangered species, endangering the health and viability of many of the ancient trees in the grove near construction sites and degradation of the Eel River, which runs parallel to U.S. 101 through the park.

Established in 1922 and named after Friend W. Richardson, the 25th governor of California, Richardson Grove State Park is about 200 miles north of San Francisco, where motorists first encounter old-growth redwoods on Highway 101. The park in southernmost Humboldt County features the 9th tallest coastal redwood.

In April 2007, Caltrans started looking into the feasibility of widening U.S. Highway 101 through Richardson Grove State Park. The agency's initial plan to categorically exempt the project from environmental review due to perceived urgent need met with enough public pressure to force the agency to draft an environmental impact report.

Opponents of the project include HSU Professor Stephen Sillett, who advised against cutting old-growth redwood roots and road building during the nesting season of the endangered Marbled Murrelet.

Caltrans says it will not cut roots over two inches in diameter and will use an pneumatic excavator (air spade). But there is no provision for monitoring this work which, along with soil compacting and paving over the roots (described in the FEIR), is likely to harm the ancient trees.

Some critics of the plan are reluctant to accept that Caltrans will ensure environmental compliance. The agency was cited by the California Regional Water Quality Control Board for discharging huge amounts of concrete waste water into the Eel River during the Confusion Hill Bypass Project in 2006.

The California State Parks Foundation, representing its 100,000 members statewide, filed a 12-page response to the DEIR that charged Caltrans with "vague and inadequate project description," and failing to justify the need for the project. They noted that Caltrans is required by federal law to consider potential alternatives to their draft proposal.

There is some discussion of alternatives--including the no-build--in both the draft and final EIRs. A bypass was determined to be too expensive and the report says other alternatives would require the removal of old-growth trees.

Caltrans has a number of other road-improvement projects in the works that will create an STAA access loop for

Humboldt and Del Norte Counties. This included an ambitious plan to widen the U.S. 199/197 from Grants Pass to the U.S. 101 junction north of Crescent City. There is also a plan to alter U.S. 299, the road from Arcata to Interstate 5 in Redding.

Proponents of the road-widening plan say Humboldt County needs to be more accessible to the larger STAA trucks because commercial trucking is significant to the county's vision of economic prosperity.

Humboldt County Economic Development Coordinator Jacqueline Debets told the Times-Standard in 2007 that the county's economic strategy focuses on exports, not retail. "The new capital that comes from...export industries is really what grows the economy by bringing outside money in."

Although Caltrans says the work is mandated by STAA law, critics say the federal government encourages, not mandates, STAA truck access.

Caltrans does have a mandate to prioritize safety, even when it does not figure into the economic motivation behind a project. The agency continues to assert "off-tracking," as a problem needing remediation. Off-tracking is the tendency of the longer STAA vehicles to use part of the shoulder or opposing lane to execute the tight turns in Richardson Grove.

However, Caltrans has been unable to furnish evidence that off-tracking causes accidents in the Grove. Most accidents on that stretch of road are determined to have been caused by speeding and/or inattentiveness. Caltrans says one of the collateral benefits of widening the road is to allow STAA trucks going opposite directions to pass each other safely. However, there was little or no evidence of trucks colliding with each other in the CHP study used by Caltrans in the FEIR.

There have been a number of direct action protests against the Richardson Grove Improvement Project. In early February, there were 12 arrests at the Caltrans Eureka office that concluded a demonstration drawing of approximately 200 people. Six were arrested at the County Board of Supervisors meeting in early March. Protesters sang their protest of the Richardson Grove Improvement Project to the supervisors and others present, including the police.

As the project start date nears, direct action and appeals to Governor Brown are expected to play an important part in determining whether or not the plan goes through.

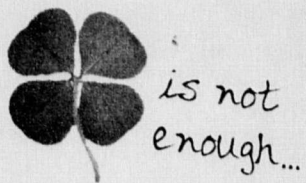
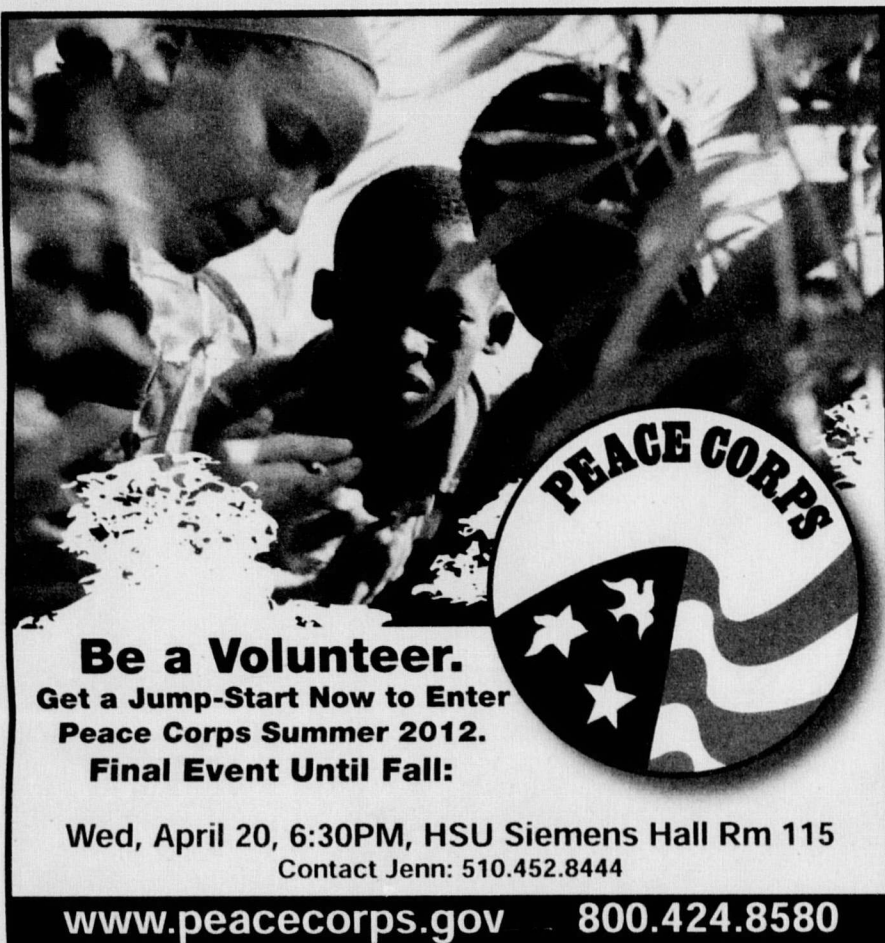
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CHANGE THROUGH SOCIAL ENTREPRENEURSHIP

Edgar Bergara Staff Writer

As a child, Betty Chinn dug through dumpsters to feed herself in China after the Chinese government separated her from her family, tortured her and forced her to kneel on broken glass. Today the scars on her legs remind her of the struggles those in poverty face.

In 2010 President Obama awarded Betty Chinn the Presidential Citizen's Medal for her service to the poor. Twice a day for the last 25 years, Chinn fed and clothed about 500 homeless people in Eureka and Humboldt County.

On Friday, April 8, Chinn will be at HSU's Great Hall to speak to students and community members at the Social Entrepreneurship Symposium, an event organized by the Institute for Entrepreneurship Education.

"A social entrepreneur creates change through organizations they create," said HSU Business student Michael Crosbie. "For social entrepreneurs, profit is not the motivating factor. Social change that benefits the greater whole is the motivator."

HSU business student Melanie Barnett said, "social entrepreneurship is the application of a business mindset to social problems."

The day-long event, has the slogan "Changing the World One Entrepreneur at a Time." It will feature four speakers, including Chinn, who will share their stories and talk about the importance of having a value-driven organization, said Nancy Vizenor, director of the Institute. Keynote speaker of the event Maureen Sedonaen of the Youth Leadership Institute, will open the event at 8:45 in the morning. The Symposium will offer grant-writing and business-plan-writing workshops in the afternoon.

A week ago, Crosbie and Melanie were part of two dozen members of HSU's Entrepreneurship Club that gathered at Blondie's to discuss the topic of social entrepreneurship. Derek Sammons, the facilitator of the discussion, sought to get to the root of what drives a person or group to dedicate themselves to help society. He asked, "does it take a life changing experience for someone to be a social entrepreneur?"



On April 8, 2011 Chinn will tell her story at the Social Entrepreneurship Symposium at HSU's Great Hall. In 2010 President Obama awarded her the Presidential Citizens Medal for her service to the poor. | Edgar Bergara

In Chinn's case, it was her past experience as a homeless child and a social outcast that instilled her compassion for those in poverty.

Up until a few years ago, Chinn didn't have a voice. For four years as a child, Chinn's isolation from society left her without anyone to communicate. She then lost her speech and became mute.

About two decades ago, Chinn started redeveloping her voice which she uses to show affection to the homeless. "Food is secondary," she said. "The personal connection is more important." In 2010 President Obama told her, "Betty, you have your voice back."

Chinn uses her voice to tell the story of her family's persecution in China. The government detested her parents' Western education and their Christian

beliefs. The government thus separated her from her family and threw her mother into prison.

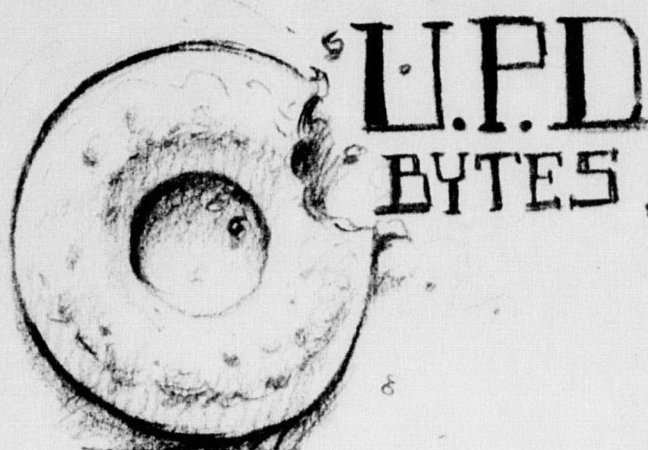
Chinn also tells of her persecution in the city of Eureka. Soon after she began distributing food to homeless in Old Town, a local non-profit reported her to the Health Department. The Eureka police department gave her citations and threatened her with imprisonment two months before Maria Shriver awarded her the Minerva Award at the Women's Conference in 2008. It was only

after a local minister took her to talk to Eureka's Chief of Police that the harassment stopped.

At the symposium Chinn will speak about her non-profit organization, Betty's Blue Angel, which was named after the anonymously-donated blue truck she uses to deliver food.

Chinn believes everyone has gifts and hers is to help those in poverty. "I had to make a choice. I could have either felt sorry for myself and been a victim all my life, or I could've use the rest of my life to help the poor," said Chinn. Her choice of the latter earned her a medal at the White House. The medal is not for me said Chinn. "I really want you to understand the medal is for the homeless, the volunteers and others involved. It takes this whole group of people to build the community."

Edgar Bergara may be contacted at
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Wednesday, March 30

12:49 p.m. Marijuana contraband was "seized for destruction" from Cypress Hall. UPD, keeping Humboldt safe from the influence of the Devil's lettuce.

Thursday, March 31

3:17 a.m. UPD responded to a false alarm at Stars Burgers because Arcata police were unavailable. Police found it was an employee error, but may have been able to get a snack.

Friday, April 1

4:11 p.m. Police caught a dog loose in the library parking lot and warned the dog's owner of leash laws.

4:11 p.m. A skateboarder was warned for not stopping at a stop sign on B Street. Yes skaters, the laws apply to you too.

Saturday, April 2

12:01 a.m. A passed-out, intoxicated student was transported to Mad River Community Hospital from Cypress Hall. Another semi-conscious student was transported to the hospital from those dorms at 12:18 a.m. Students that drink together apparently also detox in the emergency room together.

7:47 p.m. A man was arrested for being drunk in public, pot possession, probation violation and resisting arrest. Damn over-achievers.

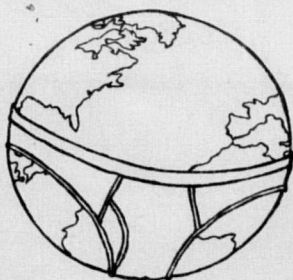
Monday April 4

12:27 p.m. A student's grandmother called UPD to report her granddaughter was being harassed by threatening phone calls from an ex-boyfriend in Sunset Hall. Police took a report but did not open an investigation.

4:17 p.m. A student called the police about a car he believed to be following him around campus. The Lumberjack would like to take this opportunity to remind the community that paranoia is a symptom of smoking a certain substance.

-Compiled by Josh Aden

The World In Briefs



Libya

Italy recognized the Libyan rebels as a legitimate government Monday. Italy is the third country to recognize the Transitional National Council as a government, after France and Qatar.

Ecuador

The Ecuadorian government asked U.S. ambassador Heather Hodges to leave Tuesday. Hodges is being kicked out over a State Department wire that was released in the last cache of Wikileaks documents. The document said that President Rafael Correa was aware of corruption within the country's police officers.

Mexico

Forty-one people were killed over four days in Juarez, one of the country's most dangerous cities. Officials say that the majority of these murders are drug related. Police Spokesperson Arturo Sandoval said that there have been five-to-six murders a day on average.

Congo

A U.N. plane crashed in the Congo Monday. Out of 33 passengers, only one survived. The crash occurred while the plane was trying to land at the airport in Kinshasa. There were thunderstorms and 23 mph winds at the time of the crash.

Japan

The Tokyo Electric Power Company announced today that the radioactive water leak at the Fukushima Daiichi nuclear plant has stopped. "Liquid glass" was injected into the leaking area. Japan's Nuclear and Industrial Safety Agency had previously said that the material had not hardened enough to stop the leak.

Pakistan

Forty-two people were killed after two suicide bombers attacked a shrine on Sunday. More than 1,000 people were gathered at the Sufi shrine, Sakhi Sarwar, when the bombers attacked. Shrines like Sakhi Sarwar have been targeted by militant groups who see Islam as heresy.

-Compiled by Nick Preciado

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BREW KIDS ON THE BLOCK

REDWOOD CURTAIN BREWING COMPANY CELEBRATES A YEAR OF BEER.

Josh Aden
News Editor

There comes a time for most beer aficionados when the average beer on the shelf ceases to satisfy. Beer shopping becomes a quest to find something different. So began the journey of Eli LaRue and Drake Mollberg, owners of the Redwood Curtain Brewing Company in Arcata, which began dispensing craft European-style beer at taps around Humboldt a year ago.

Regulars now gather at the cask tables and along the slab of a fallen redwood tree that became the tasting room bar-- and new people are coming all the time.

LaRue and Mollberg met in college in the '90s and became beer buddies, both constantly on the search for a different beer to try. "It spiraled out of control. I was picking my way through all the single bottles in the store," Mollberg says. "Then it became searching other stores trying to find something I hadn't had."

LaRue began his brewing experiments as a freshman at Oregon State University in Bend. Home brewing was a necessity at that point.

"I had a long time until I was going to be 21 so I had to learn to make it myself," says LaRue, who has since worked for the Rogue Brewery and as the head brewer at Lost Coast.

Joel Johnson, a contractor and beer lover, nurses a pint among the local artwork in the Redwood Curtain tap room. He knew Mollberg and LaRue during those first kitchen brewing experiments in college. The two were meant to brew, Johnson says.

"Drake was the guy by the keg all night smiling and filling cups, just making sure everyone had a beer and was having a good time. Then there was Eli, the mad brewer," Johnson says. "He brewed his own beer, so he was the coolest fucking guy on the block. It was good from the start; Eli's never brewed a bad batch." Though Johnson admits the beer gets consistently better and more complex.

Mollberg says that's the goal: a malty, complex beer that is full of flavor.

"There's so much more to beer than chugging American pilsner at a keg party," says Mollberg, who left the real estate game to pursue his passion for porter. "Sip and savor it."

That means Redwood Curtain Brewing has had to craft a different business plan along with its craft beers. Since there are so many breweries around the redwood region, they have to be unique. Redwood Curtain chose to focus on making Belgian and English-style beer, which means more time, care and high quality ingredients.

"A lot of breweries don't spend money on better malts," Mollberg says. "They figure why spend more money on malt when some people don't think you need it?" Malt is the germinated grain that contains fermentable sugars and is key to determining the alcohol content and flavor of beer. Redwood Curtain chooses to spend the money to get specialty malt from a small maltster in British Columbia.

They followed a similar plan with their yeast strains. LaRue says Redwood Curtain uses two distinctive yeast strains to achieve different character among their beers.

"Most breweries are using a flexible, base kind of [yeast] strain... that can make a stout, a porter, a pale ale, an IPA-- what has become the classic American microbrew lineup," LaRue explains. "The contribution to the beer is neutral. When you want to do any of those styles to a higher degree, you need a different yeast."

This model allowed Redwood Curtain to brew everything from tripels brewed in the style of Belgian monks to English farmhouse barleywines. They shy away from making the ultra-hoppy beers that dominate much of the American microbrew market.

It is risky for a small business to invest in expensive ingredients with no guarantee of success. It is important the brewery does not grow too fast or it risks sacrificing quality ingredients to produce more, Mollberg says. "We've taken the slow, cautious approach. We want to be with our beer every step of the way." And they are, from picking ingredients to delivery and installing new taps around Humboldt County.

The brewers were not sure if stepping outside the microbrew norm would pay off, but they knew they had to do something different, especially in an area with so many other breweries. They decided not to try to compete with the flagship beers of Mad River or Lost Coast. They do not aim to become a large distributor like Sierra Nevada immediately, only to provide the redwood region with worthy ale.

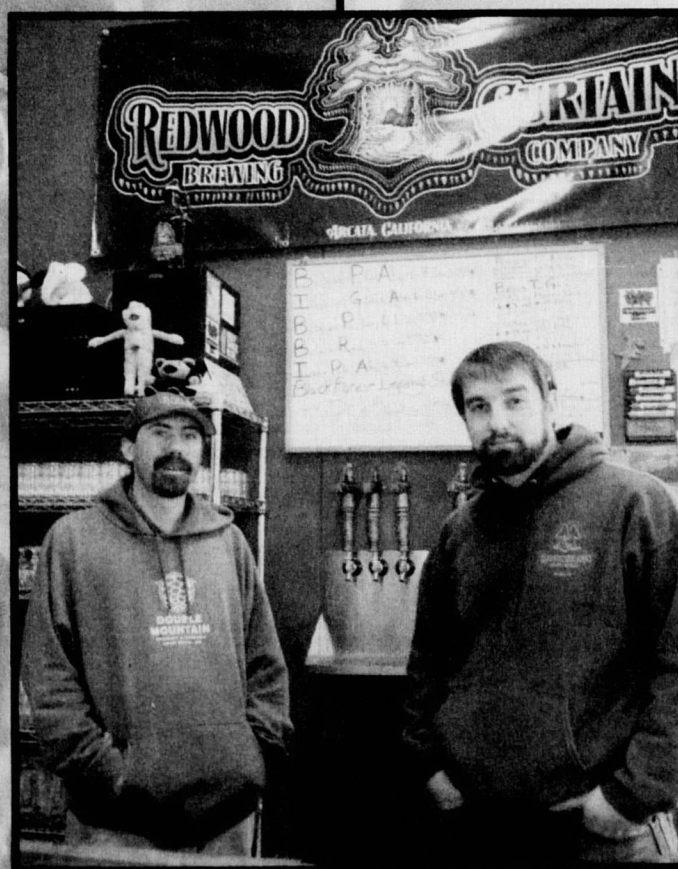
LaRue and Mollberg believe that if their idea can blossom, it's in a place like Arcata where there is a strong movement for local products and an established artisanal food culture. "Word of mouth works really well in Humboldt," says Mollberg.

It paid off as Redwood Curtain is now on tap at 25 bars and restaurants throughout the county. The tasting room hours have been expanded multiple times since Redwood Curtain delivered its first beer a year ago.

Other breweries have even welcomed Redwood Curtain into the region's brewing community. "Every brewery in Humboldt County has helped us out at some point," LaRue says.

Gary Frank, a home brewer, sips a Belgian Porter as he talks technique and ingredients with other beer lovers in the Redwood Curtain tasting room. He appreciates Redwood Curtain for their propensity for malty, high alcohol-content beer. "Everybody goes through this 'how many hops can I put in me to kill my brain?' phase," Frank says as he savors his suds. "But I've come to want more malty beers; tastier darker beers."

The brewers at Redwood Curtain aim to deliver just that.



Eli LaRue (LEFT) and Drake Mollberg (RIGHT), owners of Redwood Curtain Brewing Company | Nichole Parada

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Josh Aden may be contacted at thejack@humboldt.edu

Redwood Curtain Brewing celebrates one year in business noon to 11 p.m. April 14 with their special Dry Hop and Oak Aged Series. 550 S. G St. Unit 6, Arcata.

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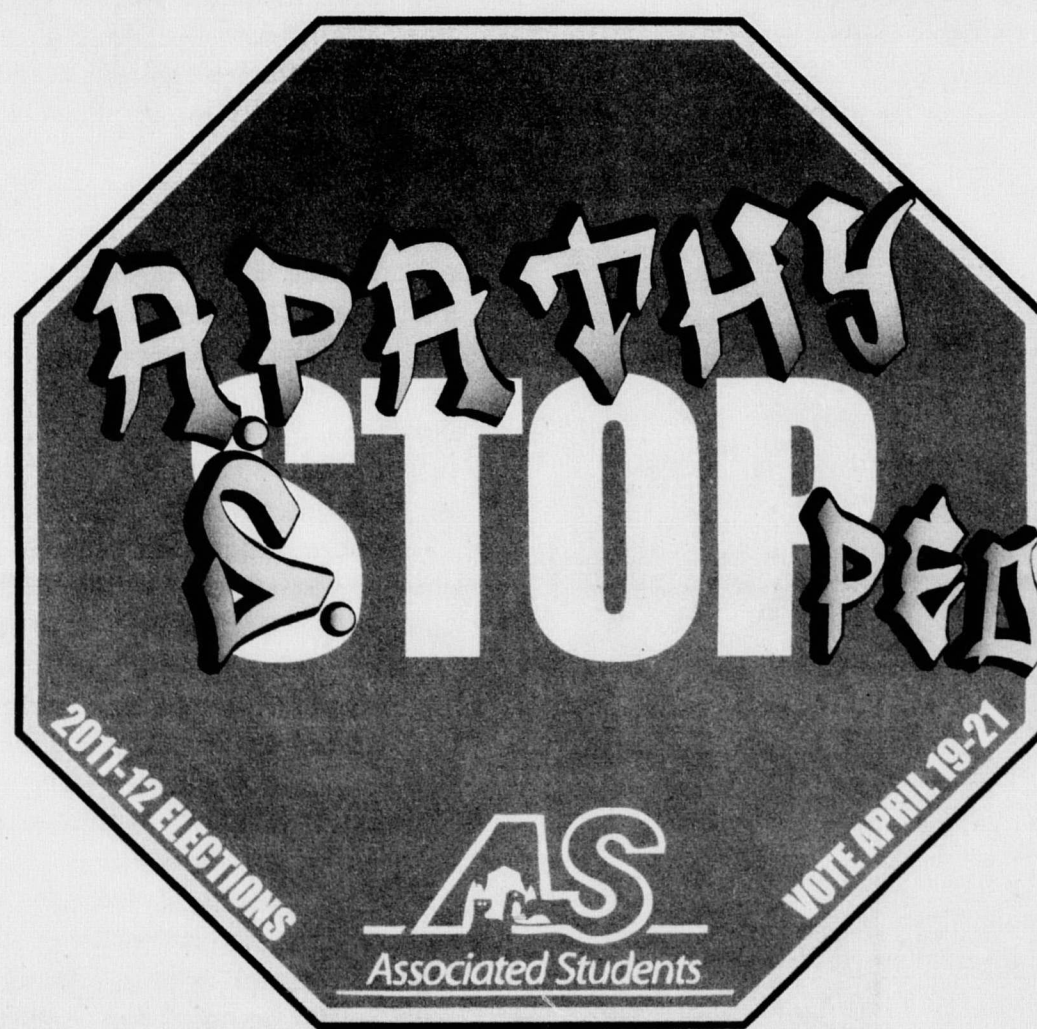
(1 position available)

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UC Board of Directors:

1-year term
(vote for two):
Chryste L. Johnson
Katrina McDarment

2-year term
(vote for one)
Jennifer R. Mahoney
Nicole L. Young

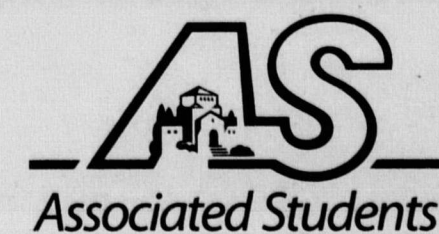


*It is still possible to be a write-in candidate. Stop by the
Associated Students office to pick up an application.
Write-in candidate deadline is Friday, April 15.

Don't know who to vote for? Come to a Candidate Forum!

April 13, UC Quad, (College Representatives) In case of rain, UC South Lounge, 12 - 1 p.m.
April 14, UC Quad (President and Vice Presidents) In case of rain, UC South Lounge, 12 - 1 p.m.

<http://www.humboldt.edu/associatedstudents/>
VOTE April 19, 20, and 21





Rob Barraco jams away on keyboard Monday night during the Dark Star Orchestra concert. | Catherine Wong

DARK STAR ON A BRIGHT NIGHT

THE GRATEFUL DEAD COVER BAND VISITS ARCATA

Melissa Coleman & Catherine Wong

• • • • •

Feature Editor & Photo Editor

Fans wished the music never stopped when The Grateful Dead cover band Dark Star Orchestra played Monday night at the Arcata Theatre Lounge.

The band performs shows based on setlists from the Grateful Dead's 30 years of touring. Members

adapt their vocal arrangements, stage positions, musical equipment and instruments to fit the era of the show they are performing. At the end of each performance the band announces the date and venue of the original performance.

John Kadlecik and Scott Larned founded the band as lead guitarist and keyboardist in 1997. Rob Barraco joined as keyboardist after Larned died in 2005. "I believe they felt that no one else could do what I do and be able to sing all the different keyboard player eras," said Barraco. "I have to wear six different hats in this band."

Monday night's set list was originally performed by Grateful Dead on March 27, 1972 at the Academy of Music in New York City. "The only significance to me is that it was the night before my first Dead show," said Barraco. "But we really, really enjoy playing this particular era because it's so open-ended. It's very jazzy."

Casual Grateful Dead fans could close their eyes and feel themselves transport to 1972, but loyalists like community members Rick DeVol and

Kathleen Silk noticed the difference.

"I've been to about 150 [Grateful Dead shows]," DeVol said. "These guys are a lot of fun, but..."

Silk finished DeVol's thought. "It's not the real thing. Nothing is like the real thing. [Jerry] Garcia emitted this wonderful aura. It was really special... irreplaceable," she said.

DeVol agreed. "This is a cover band," he said. "But the music is timeless."

The crowd sang along to fan favorites like "Casey Jones" and and fed off the energy of the music.

"This whole mind meld was happening and the band was speaking with one voice," said Barraco. "That's been happening a lot to us lately. We've played enough shows together that I think that we're becoming telepathic. And I felt like tonight was one of those shows."

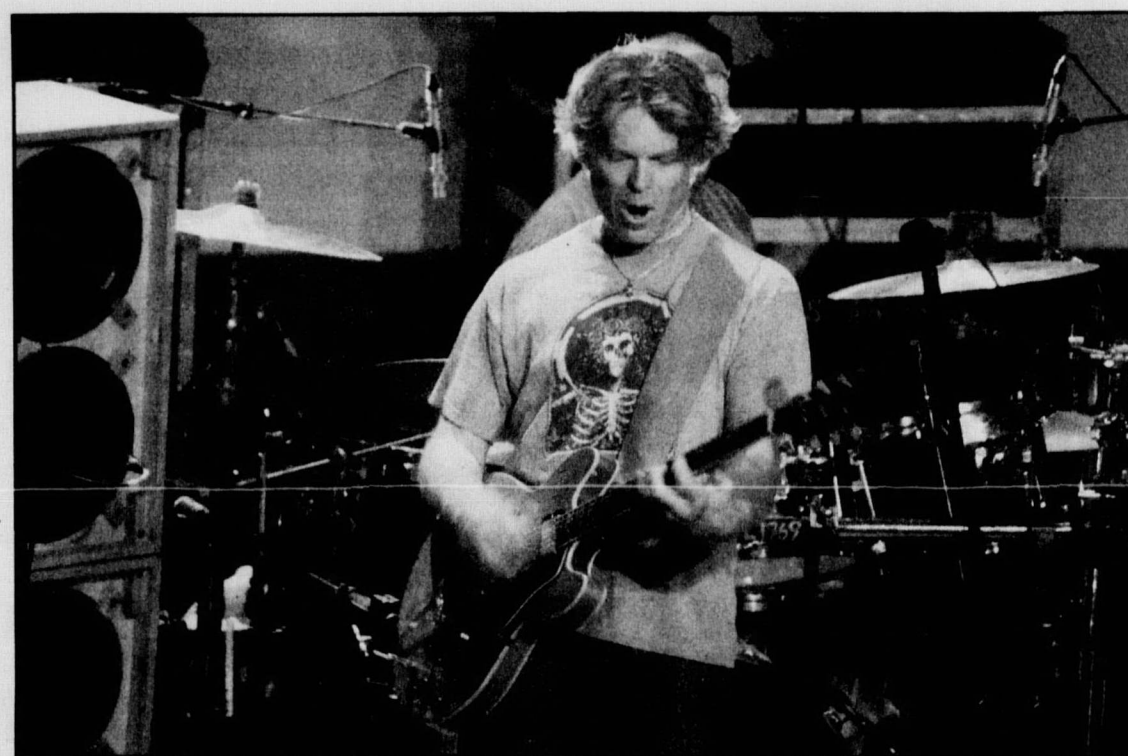
Dark Star played for four hours before they returned on stage for a final encore. On "Loose Lucy" the audience swayed along to the beat while the band members sang in unison, "thank you for a real good time!"

• • • • •

Melissa Cloemen and Catherine Wong may be contacted at thejack@humboldt.edu



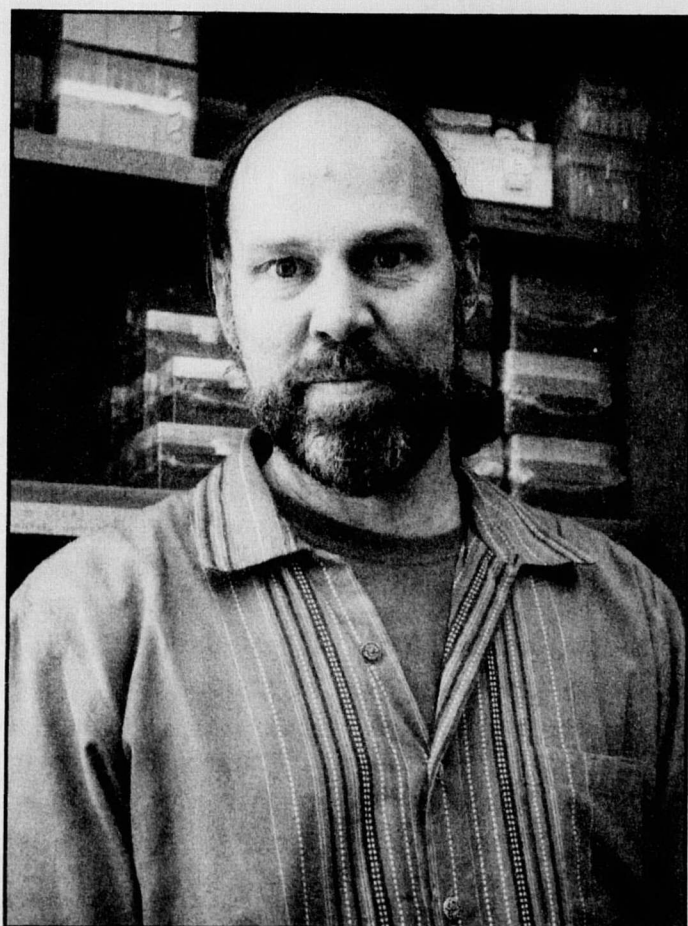
Loyal fans close their eyes, sway their arms and fill the room at The Arcata Theatre Lounge. | Catherine Wong



Rob Eaton channels the spirit of The Grateful Dead as he plays rhythm guitar during the Dark Star Orchestra concert. | Catherine Wong

HSU GENETICIST TO RESEARCH OWN CANCER

Rob Knott
Science Writer



HSU biology professor, Mark Wilson, was diagnosed kidney cancer and will be studying his kidney postsurgery.
| Catherine Wong

HSU biology professor Mark Wilson was recently diagnosed with kidney cancer. "Kidney cancer is relatively rare. About 50,000 people in America get diagnosed every year. So you do the math, that's about 1 in 6,000," said Wilson.

"My father died of kidney cancer in his fifties," said Wilson, 47. "My thinking was this must be an inherited cancer. Because the cancer is relatively rare, very few father/son pairs will both develop sporadic, that is not inherited, forms of the disease."

However, a researcher with the National Cancer Institute believes Mark's cancer is unrelated to his father's. The most common inherited kidney cancers feature multiple tumors on both kidneys. "That's not my situation. I have one tumor, as far as we know, and just in one kidney," said Wilson.

"We're going to find out because I'm a geneticist and I'm interested, so I'm going to try to figure if I have one of the mutations that is known to lead to kidney cancer. The first thing is

to figure out what kind of kidney cancer I have and then we'll better know what genes to be looking at. But I'm going to try and figure out what it is," said Wilson.

Dr. Wilson maintains the analysis could easily be done here at HSU for relatively low cost. However, he hopes the information gained can be used to direct treatment. Therefore, he will be facilitated through the National Cancer Institute.

"We'll do that by looking at a buccal swab looking at cheek cells because if it's inherited then the mutation that predisposes me to kidney cancer is in those buccal cells as well. If it's not inherited, then they should have normal genotypes," said Wilson. "We could do it here [at HSU] very easily and cheaply. [However,] I want to be part of bigger programs because maybe it will help with some treatment. I'm actually going to do it through the National Cancer Institute."

Professor Wilson is scheduled to have his left kidney laparoscopically removed April

.....
See more about his research on Page 13

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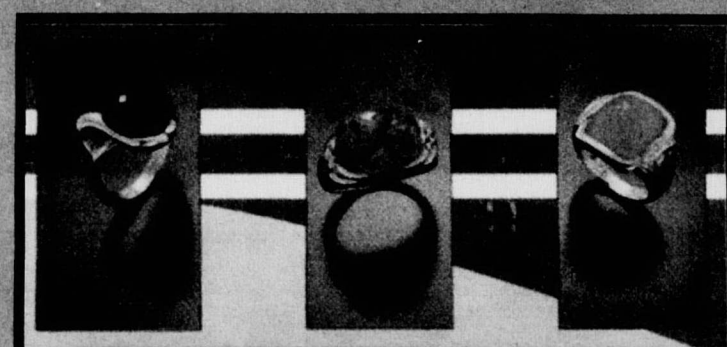
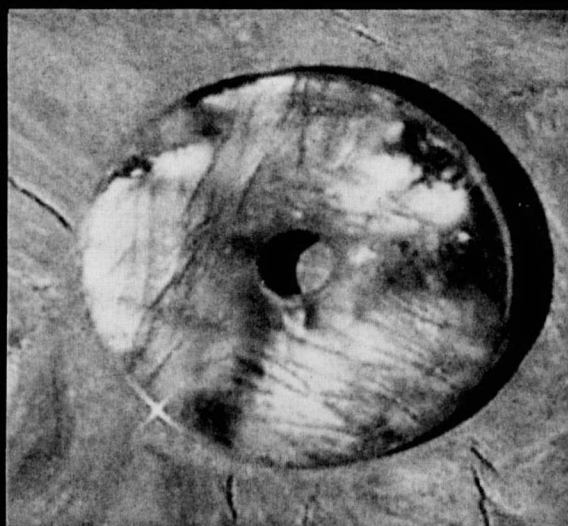


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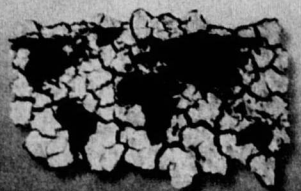
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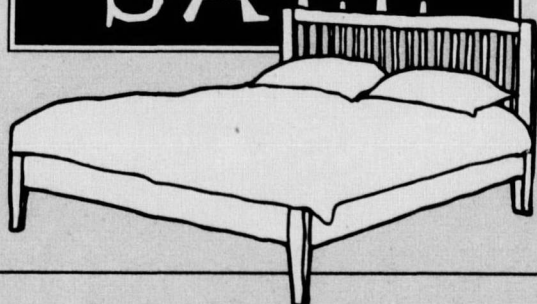
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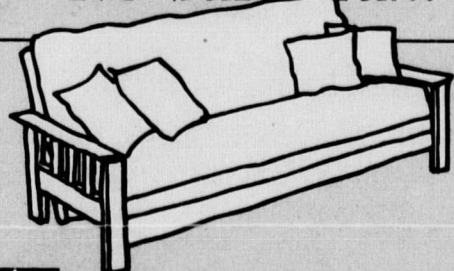
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PHENOMENAL PHEROMONES: NATURE COMMUNICATING THROUGH CHEMISTRY

Catherine Wong

Photo Editor

It was like something from a crime scene laboratory. A lone chemist injected a mystery sample into an over-sized beige machine. The sample travelled through 75 feet of fine tubing. A line graph flashed onto a computer screen. The line was steady, but peaked sharply at select locations. The chemist pointed to the peaks. "You can see that there are six major components there," he said.

William Wood is an organic chemistry professor on campus. His research focuses on chemical ecology, specifically how plants and animals use chemicals to convey messages. He encompasses a stereotypical scientist—simply asking a question, and finding out the answer.

He is best known for his work with the spray from four different species of skunks that was featured on PBS. "When light hits beer in clear glass bottles, [the beer] will get a skunky odor," said Wood. "It's the same chemical, or very close, to the one that skunks have, but a skunk has about a billion times more of this stuff than skunky beer has."

Wood received his PHD in 1968 while making anti-cancer compounds before working in a cancer lab in Wisconsin for two years. "I knew that I was going to spend my life in a chemical laboratory synthesizing chemicals and I wanted to go out and explore the world," said Wood. In 1972, Wood travelled to Africa to research the sex pheromones of ticks. "That's just what I wanted to do, explore nature and see how the world com-

municates with itself."

Pheromones are chemical messages between members of the same species. Allomones are chemical messages between members of different species that benefit the sender, like skunk spray. Kairomones are attractant chemical messages that draw receiver to the sender. "This was when the field of chemical ecology was new," said Wood. "They had just defined the word 'pheromone' only a few years before I got into it. It was a new field at that time"

Samples are taken from specimens, such as the spray chemical from a skunk. The chemical compound is then broken down using a solvent. A chemical solvent is a substance, usually a liquid, that dissolves or is capable of dissolving. All types of chemical solvents are used in this process but the one used most often is dichloromethane, a colorless liquid with a moderately sweet aroma. The compound is then run through a machine called a gas chromatograph-mass spectrometer.

Wood inserts the compound with a needle into a small rubber piece within the machine. The machine uses helium gas and 75 feet of thin, hollow wire to separate the chemicals within the compound. All chemical compounds are made up of two or more different chemical elements. A computer attached to the machine graphs the data output and determines the types and amounts of elements in the compound.

The data is graphed on a horizontal axis that represents time and a vertical axis that represents mass. A line graphed along the two axes shows the amount of time it takes for different elements of the compound to travel the 75 feet of tubing. The graph peaks at points that are in high concentration and serves as a fingerprint for individual chemical compounds. That fingerprint can then be searched in a national library database that contains over 100,000 different entries.

Wood also works on projects in the campus backyard. "When I looked at the several



A banana slug, normally fond of lettuce, rejects its dinner after William Wood laced it with a chemical found in a plant from Jolly Giant Creek. This is just one of the numerous chemical ecology projects the HSU chemistry professor has investigated in his lifetime.

[Photo Provided by William Wood]

See Chemical Ecology story Page 13

Chemical Ecology story continued from PAGE 12

plants that grow at Jolly Giant Creek I noticed that banana slugs didn't eat them," said Wood. "When I crushed them up it smelled like cucumber." Wood theorized that there was a chemical in the plant that made the plant unappealing to the slugs. He identified the chemical compound in the plant and had it synthesized. He then tested it on banana slugs by putting the synthesized chemical on lettuce, slug food.

"This is repellent to slugs so this is a chemical defense," explained Wood. "Just like skunks have a chemical defense, plants have a chemical defense. So, I put a little of this chemical on lettuce." While a banana slug would normally find lettuce appetizing, the slugs in the experiment rejected the cucumber-like lettuce. This reaction indicated to Wood that chemical from the plant is an allomone to the slugs.

Wood published his collaborative

research on Western thatching ants with Warren Wood from University of Portland on March 27. He is also looking forward to the publication of his collaborative research on turtle ants in Costa Rica. "It's a very peculiar ant," said Wood. "Usually ants have alarm pheromones, where they put out the pheromone and attract other ants to defend the colony. Well this ant is very different, it's what they call a turtle ant."

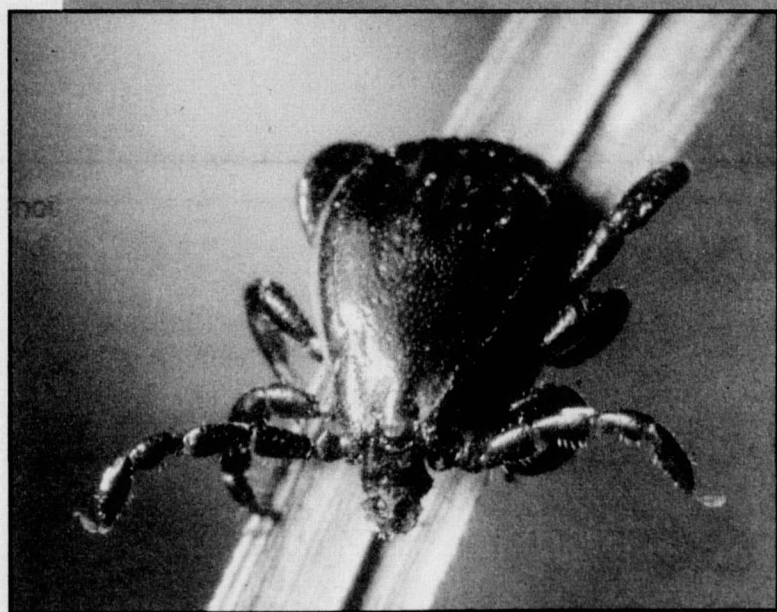
Terry McGlynn is a professor at CSU Dominguez Hills and heads the project on turtle ants. He worked with Wood on past projects as well. "I looked [Wood] up from previous things he's worked on," said McGlynn. "I saw that he had an ongoing project in Oregon." McGlynn and his team travel to Costa Rica in order to collect samples on the ants there. "We collected the ants and dissected them into pieces. Then we mixed the parts with solvent and sent

them up to Humboldt."

Wood became interested in the project because of the 'unusual' behavior of the ants during an attack on the colony. "When other ants and stuff try to come and attack it, they contract in their nest, and the soldiers will block the nest," said Wood. "The ants have this really armored head and they stop moving when they put the chemical out. So it says, 'Our colony is under attack, everybody, don't move.'" The reason for the ants' reaction is not yet known.

Wood's research starts with a simple question about the way nature is communicating, and ends with a new discovery. Although he may not know what comes next, he knows that it will unveil a new part of this world.

.....
Catherine Wong may be contacted at thejack@humboldt.edu



William Wood began his work in Africa on tick pheromones. He continued his work in Africa to study antelope and ant species.
| Photo Provided by William Wood

Research story continued from PAGE 11

8th. This type of surgery is far less invasive than older methods, utilizing small incisions and even smaller cameras to guide the surgeon. As far as prognosis, Wilson is unsure. "First they have to stage the cancer when they take the kidney out. That's done by a pathologist who will take some slices and look at them. The big dividing line is, 'has the cancer metastasized or not'," Wilson said. The pathologist will analyze these samples to determine whether or not the cancer has spread to other parts of the body, or metastasized. "If it has metastasized, then the prognosis isn't so

good. If it hasn't metastasized, the prognosis is pretty good."

Upon learning of his diagnosis, Dr. Wilson immediately informed his classes.

Johanna Kirby, a senior in cellular molecular biology, is enrolled in Wilson's genetics lab, her second course with the professor. "I'm really scared for him," Kirby said. "I really appreciate that he told us in the first place because I think there is nothing worse than being a student that has no idea what's going on. We hope that he recovers as fast as possible. I'm going to miss him while he's gone."

Mark's energetic lectures appeal to his students, according to David Fox, a sophomore studying marine biology. "While most professors are monotonous during lecture, Mark's cracking jokes and smiling all the time. He seems psyched that he's going to get his kidney back in a jar. I would be too, though," Fox said.

"Recovery is likely to take 4-6 weeks. I'm hoping to go to graduation ceremonies," Wilson said.

We hope to see you there, professor.

.....
Rob Knott may be contacted at thejack@humboldt.edu

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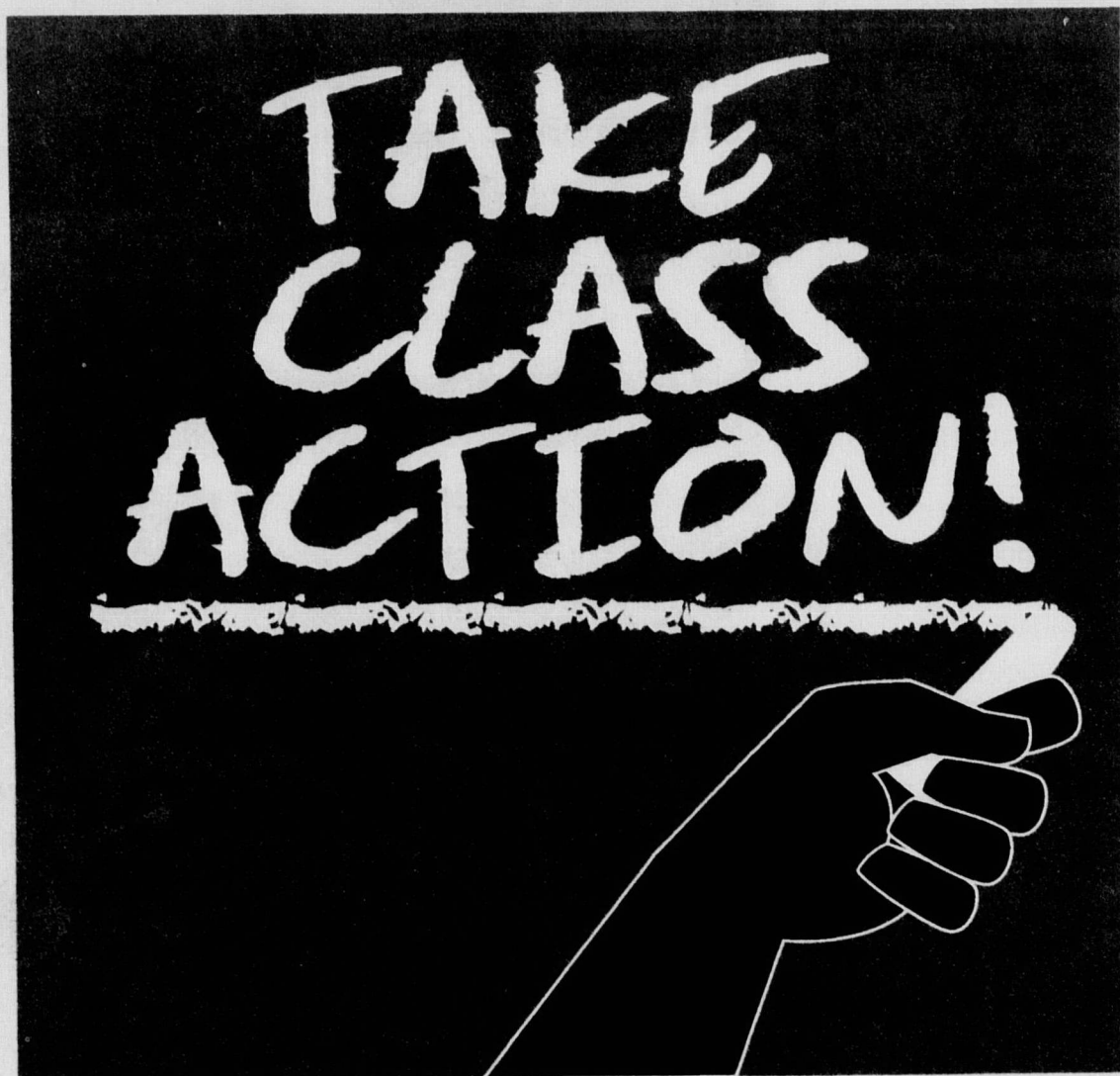
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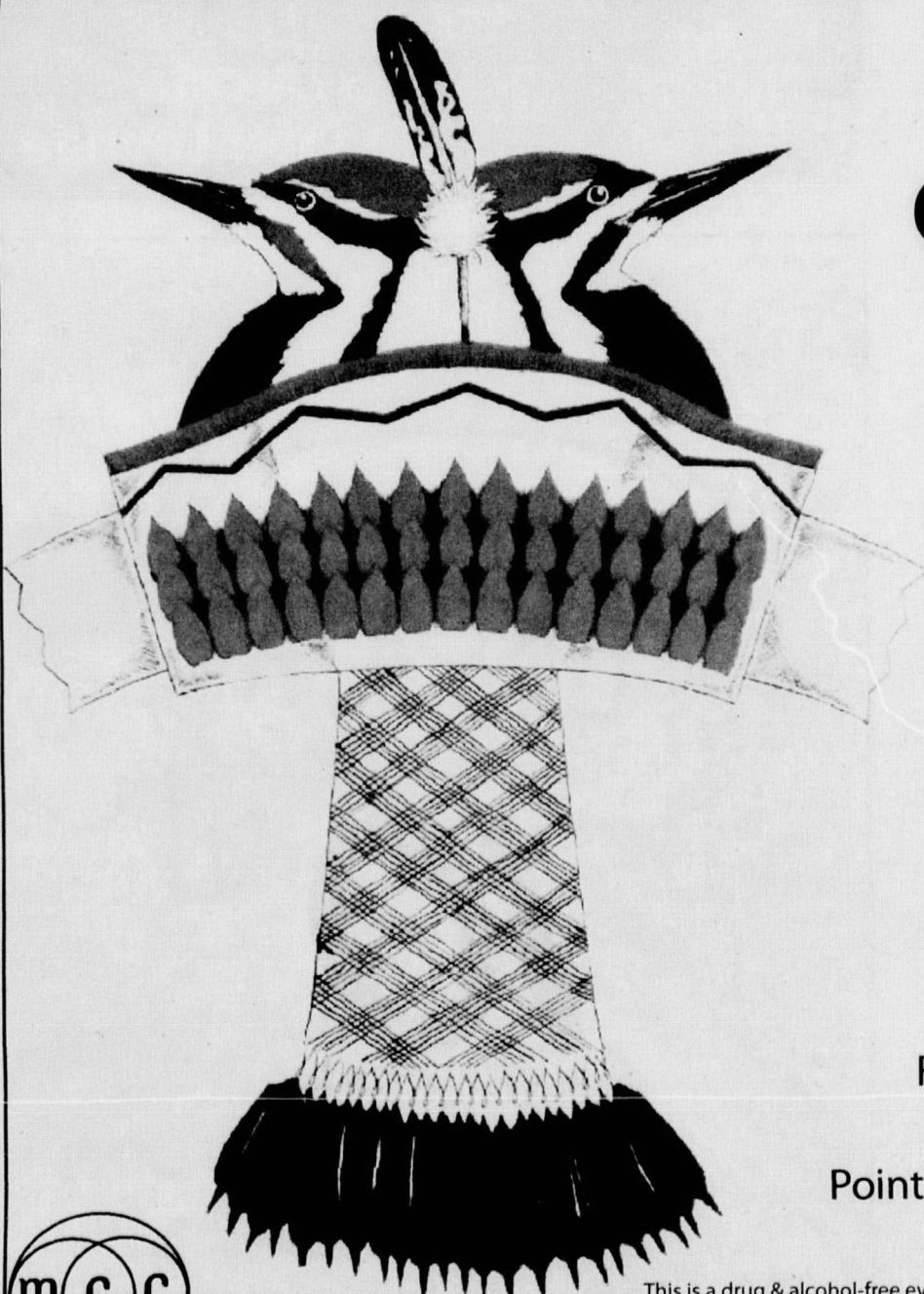
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Stephanie Giles
Staff Writer

Meet the Musician

No Good Redwood Ramblers

The No Good Redwood Ramblers play washboards, harmonica's, banjo's and the jug, giving them that unique bluegrass sound. "They'll have a good time dancin', hootin' and hollerin'," Colin Trujillo said, who plays the banjo and sings. Cameron Trujillo plays the washboard, harmonica and the do-bro. Nate Roach is the lead singer and plays the guitar and the jug, Jeff Jenson plays the mandolin, guitar and the melodica. Jason Meyer plays the fiddle and the hand-bone, and Brian Gibson plays the bass, double

bass and the bass fiddle. The No Good Redwood Ramblers create a "gritty and Americana sound," said fan Ian Cossar. Cossar has been a fan of the No Good Redwood Ramblers since they started playing at open mics in 2008, "They're unique and they definitely have the 'it' factor," he said. "I think they're great musicians, their music comes from the roots, and I think they're up there with some of the great folk bands," Cossar said.



The No Good Redwood Ramblers bring classic folk music and everyone back to their Americana Country roots.

| Provided by No Good Redwood Ramblers

Where is **No Good Redwood Ramblers** playing next?

April 16 @ Lixxapalooza

April 23 @ the Arcata Vets Hall for River Nights

April 28 @ the Mad River Brewery

May 13 @ Missing Link Records for Arts Arcata

May 26 @ the Mad River Brewery

July 23 @ the Arcata Playhouse for the Jefferson State Old time review

The Lumberjack: How long have you been performing together?

Colin: We've been performing for three years.

LJ: How did you come up with your band name?

Colin: We wanted a local name, so we chose 'Redwood Ramblers.' We didn't realize there was already a 'Redwood Ramblers' performing in Humboldt, so we decided to go with The No Good Redwood Ramblers.

Nate: We were actually performing at a birthday party and a man came up to us and asked how we came up with our name. We told him the whole story and the man turned out to be one of the Redwood Ramblers.

LJ: How is your music different compared to other local bands?

Nate: Well we started as a jug band and expanded with the strings. I like to call it All-American Freedom Grass.

Colin: Nobody else, as far as I know in Humboldt County plays the jug or the washboard.

Cameron: We were voted best-looking string band in Humboldt.

LJ: What advice do you have for young musicians?

Colin: Start playing with other people as

soon as you can. When we started the band, we just wanted to get together and practice. I was in a honky-tonk band with Nate for a while, and Cameron and I were in a country band for a while, and Brian and I were in a couple rock bands. So we all came from different musical backgrounds.

LJ: What do you like about performing in Humboldt County?

Colin: There are venues for this style of music, and there's also a good fan base for this blue-grassy music.

LJ: Have you had any embarrassing moments while performing?

Nate: Nothing particularly embarrassing. Maybe just jumbling up lyrics.

Colin: We played at a mock-redneck wedding that was Budweiser themed.

LJ: What are your future band plans?

Colin: We want to cut an album and go on tour.

Jeff: We definitely want to play more Bluegrass festivals.

.....
Stephanie Giles may be contacted at
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SOMETHING OLD, SOMETHING NEW... THE LUMBERJACKS' SPRING CONCERT AND A WEDDING TOO

THE MARCHING JACKS SPRING CONCERT

Danielle Batres

Staff Writer



David Wellman and Bryana Fix will be married this Friday, April 8 on stage during the Marching Lumberjacks Spring Concert. Catherine Wong

The Marching Lumberjacks have a reputation of uniqueness and unpredictability. Its performers will continue to add to this notoriety at their spring concert this Friday. The concert will feature several surprises, including an on-stage wedding.

The Lumberjacks prepared all semester for this annual concert. Band leader Adara Friley says the band wants to showcase their best songs so "we need to spend a lot of time working on specific things."

The concert will take place at the Arcata Theatre Lounge where the Lumberjacks rehearsed just last week, though the team did not play much music. "We spent about an hour practicing walking on and off stage and entering and exiting the theater," says Friley. "It's pretty difficult trying to coordinate 40-plus people moving at the same time."

The "world-famous" Marching Jacks are a scatter band known for its fun and lively routines. The spring concert will be no exception. One of the band's hardest songs is "Tom Sawyer" by Rush. "It switches between time signatures so it has been difficult for me to get the conducting pattern down and it's difficult for the band to play the harder rhythms," says Friley. "Right now, it sounds great and it's totally going to rock at the concert." And while there will be plenty of surprises at the show, the band has not forgotten its well-known routines like Ozzy Osbourne's "Crazy Train" that are sure to be on the setlist.

Aside from the classic tunes, the Marching Lumberjacks have another reason to be excited about this Friday's concert: two of its very own will get married

on stage.

Bryana Fix and David Wellman met in the band during the spring of 2009. "We stole glances at each other during the Cloverdale Parade on Valentine's day," explains Fix. After the parade the band always has a longer, more intimate performance at Ruth McGowan's. "I felt something very special when I caught him staring at me during the show," says Fix. "We have been almost entirely inseparable since that day."

The couple originally planned to have two weddings: a ceremony in Arcata for their college friends and another in Wellman's hometown of Hanford. But after problems arose, they decided to stick to one small wedding during intermission at the band's concert. The idea remained a secret from the rest of the band until the two realized they needed permission. Once they announced their plan the band decided their wedding should be a larger portion of the show. "We are both very excited to be married by a member of the band, in front of the band, during our own concert!"

The Marching Jacks usually perform at parades or sporting events on campus, but the Spring concert is a chance to see them in a more intimate setting. During intermission the band will raffle off prizes and sell Marching Lumberjack merchandise. The concert is Friday, April 8, at 6:30 in the Arcata Theatre Lounge. Tickets are \$5 at the door.

**Danielle Batres may be
contacted at thejack@
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KING PEAK

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FOR HUMBOLDT STATE MONTH

Derek Lactaoen
Online Editor

Brave dirt roads, a fantastically difficult climb and the adventure of SoHum this week at King Peak, the highest point in the King Range.

In light of Garberville, Calif., making statewide headlines for the epic mudslide that took out Highway 101, the Lumberjack is sending you out to the King Range on the Lost Coast this week. Congress dedicated the 60,000 acre parcel of coastal land in 1970, traditionally home to native Mattole and Sinkyone tribes.

The Lightning Trail in the King Range National Conservation Area is a Humboldt State Favorite because it is on the Lost Coast. The 35-mile stretch of undeveloped land is perhaps the most breathtaking scenery the County offers. But short

of a four- or five-day backpacking trip, there are not many ways to enjoy what the area offers. King Peak, however, gives you a chance to do a short, manageable hike in a new area and take in much of the scenery while perched on top of a mountain.

The Lightning Trail will take you from the parking lot up an intense 2.1 mile climb to the peak where, on a nice day, you can see Shelter Cove in the distance. Bring a camera to take pictures, the peak sits at over 4,000 feet in elevation making it the highest point in the area and a great place to get a new Facebook profile



King Peak is the highest point in King Range near Garberville, Calif. Concert. | Derek Lactaoen

picture.

You'll wind through a maze of coastal Douglas fir trees, redwoods and tanoak before the trees thin out and you glimpse the stretch of mountains in the distance. Bring water, though; the hike climbs over 2,000 feet, making it a challenge for even the most seasoned hikers.

Take an SUV, truck or car with high clearance. Shortly after leaving Honeydew, the paved roads turn into dirt and get pretty bumpy.

.....
Derek Lactaoen may be
contacted at thejack@humboldt.edu

Driving Directions

Drive south on Highway 101 and exit at the signs for Honeydew, Calif. (You should be able to get off the Highway before the mudslide closure.)

Upon entering Honeydew, take the Wilder Ridge Road to the left.

Turn right onto King Peak Road

Turn right onto King Range Road

Time
Driving- 5 hours
Hiking- 2 hours



Hiking Difficulty Scale

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cents off Irish Whiskeys

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8am to 2pm
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and get one half price.
5pm to 9pm
Buy any lunch or dinner entree
and get one half price.

Ono Luau Thursdays

Aloha Chicken Wings, Maui Ahi
Poke, Coconut Shrimp, Macadamia
Nut Halibut, Teriyaki Ginger Tofu,
Chicken Katsu, Blue Hawaiian,
Mai Tais

.....Upcoming Shows.....

Monday 11



MeteorCity Records
Let the Night Roar
(Thrash Metal from GA)
\$2

Monday 25



ex-Metal Shakespeare Company
Radiation City
(Indie-pop from Portland)
\$2

Monday 18



Agent 86
(political pop-punk from Las
Vegas--Originally from Arcata)
\$2

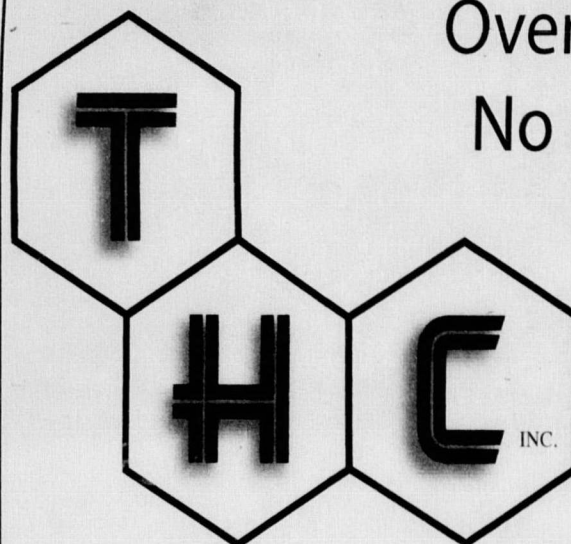
Coming soon



Snare & the Idiots
(garage punk from KY) + Creator Destructor Records artists
Gypsyhawk (stoner rock from Los Angeles)

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WORKOUT OF THE WEEK

Nichole Parada
Staff Writer

Pull Exercise:
Dumbbell Bent Row-- One
arm at a time, three sets of 10
reps.

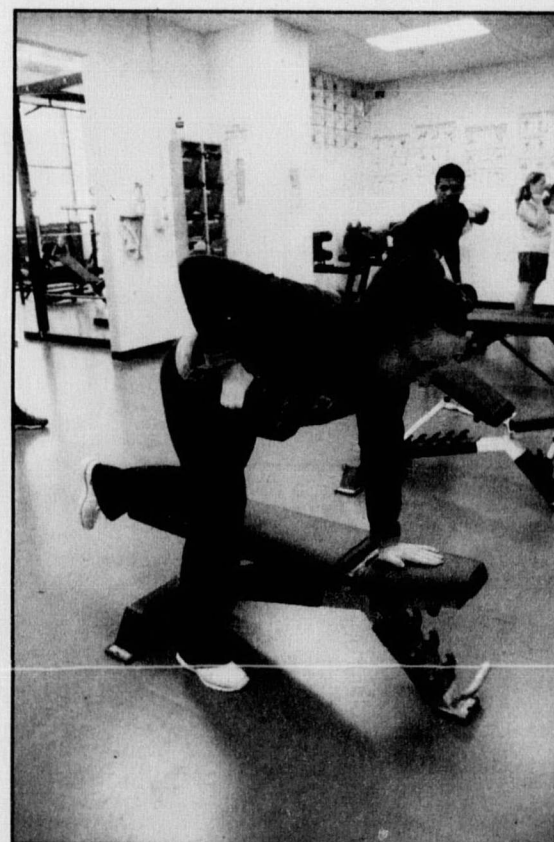
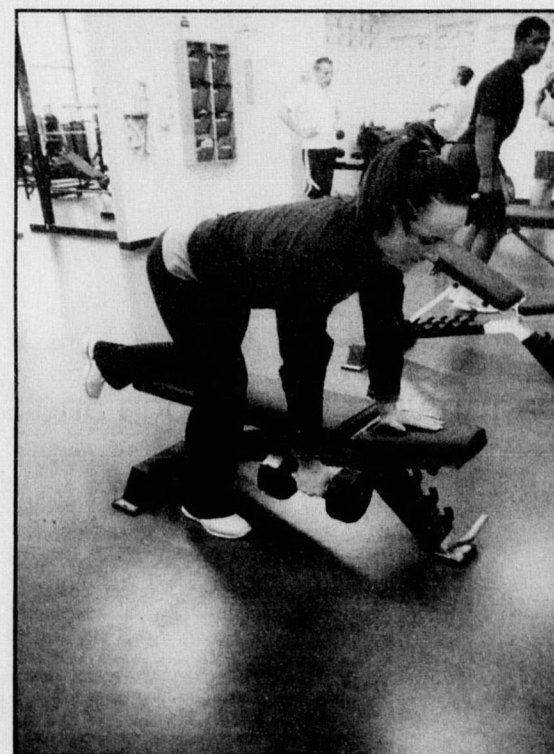
Step 1: Position body on bench. Left knee
bent and supported on the bench while the
left arm is straight, also supported by the

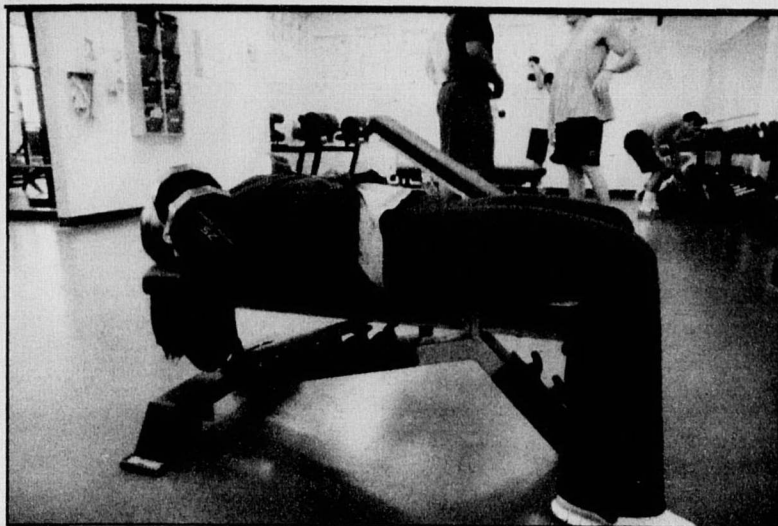
bench. Right
arm should be
extended over
the side of the
bench.

Step 2:
Bring weight
up to the bot-
tom of your
chest and be
sure to keep
your back flat.

If your shoulders
are not lined-up,
the workout is
pointless.

This lift works
your upper-back
and biceps.



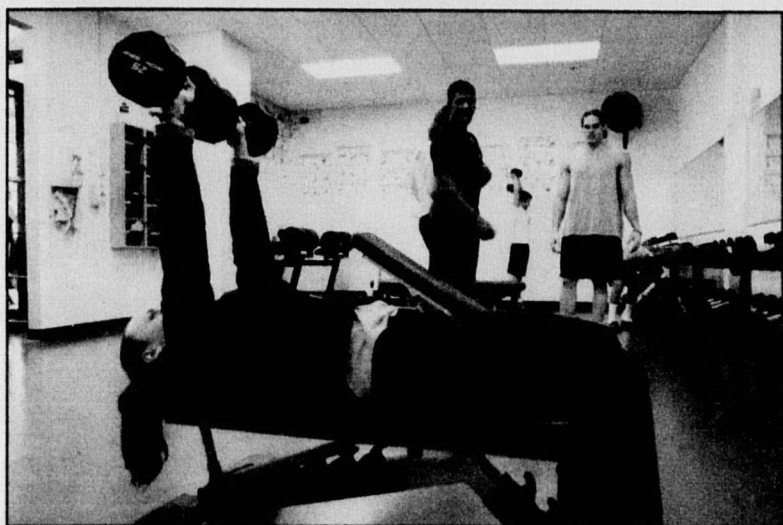


Push Exercise: Dumbbell Bench Press, Three sets of 10 reps

Step 1: Lay flat on the bench, weights positioned just below your shoulders and slightly turned outward.

Step 2: Push weights up and rotate them in to a horizontal angle. Bring weights together almost touching.

This lift works your chest, shoulders and triceps.

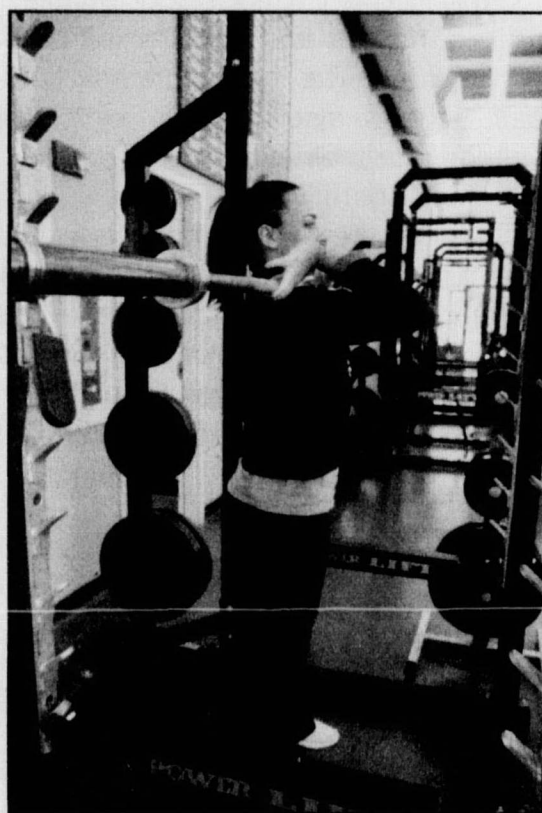


Legs Exercise: Front Squat, Three sets of 10 reps

Step 1: Position bar on your collar bone and support the bar with arms up, elbows out in front of you.

Step 2: Go down into a squat, keep your weight on the heels of your feet. Make sure to keep back straight, not forward. You should be using your core and legs to balance your body.

This lift works your glutes, hamstrings, quads, hip flexors, calves, adductors and abductors.



Nichole Parada may be contacted at thejack@humboldt.edu

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Wednesday April 6th


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Prezident Brown

9:30pm - \$20

Prezident Brown (Fitz Cotterell) was born in the hills of Clarendon, Jamaica. His mother called him Junior Ranking because he would grab the microphone...

Thursday April 7th



Friday April 8th

Beer & Buffet


featuring **Sierra Nevada!** 6:30pm-\$25
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Saturday April 9th



FREE KAYAK CLASSES

Nick Swain

Sports Editor



Spring mornings on Big Lagoon can be sunny, or rainy or anything in between. But no matter the what the weather is, it's always beautiful. (Courtesy of Adventure's Edge)

Adventure's Edge offers free weekly kayak instruction at Big Lagoon beginning Friday, April 15. Classes will be held on Fridays from 9:00 a.m. to 12:00 p.m. and taught by Level 2 American Canoe Association certified instructor Larry Buwalda. Buwalda, who has 35 years of experience with kayaks, is joined by John Stamatis, another experienced paddling instructor.

Their class is designed for all levels of experience, but focuses on beginning paddlers. This class is a great opportunity to test paddle a variety of kayaks and to enhance your kayaking experience.

"These classes are a lot of fun," Buwalda says. "The goal is to get new paddlers comfortable on the water. We focus on the basic strokes to get them confident to be out there. Our goal is to give people the basic knowledge of the sport to have fun safely."

Class size is limited to four people so Buwalda and Stamatis can provide the best instruction possible. Kayaks and paddles will be provided. Personal flotation devices (PFDs, life jackets) are also provided. The instructors ask participants who have their own PFDs to bring them along to class. Buwalda also suggests participants bring a light pair of shoes or booties, an insulating layer of clothes for their legs and torso; a wind shell, a spare change of clothes (you might get wet), a snack, and some water.

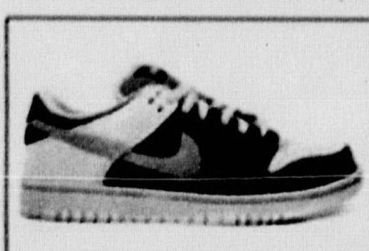
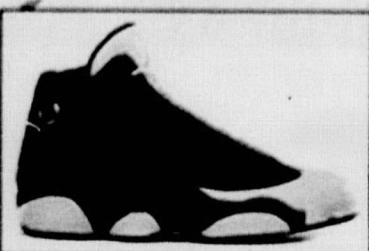
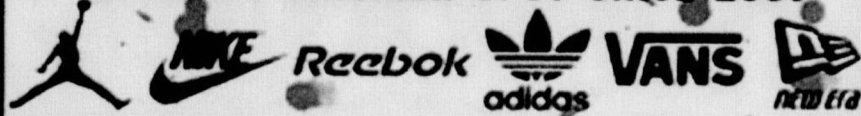
"I also suggest that people check the weather ahead of time and dress appropriately," Buwalda says. "These spring mornings can be rainy, or sunny, or anything in between."

Participants can register at either of the two Adventure's Edge locations: 650 10th St. in Arcata, or 125 W. 5th St. in Eureka. The clinic is free. Adventure's Edges suggests a donation of \$5 to the Explore North Coast Kayak Club. There is a \$2 per vehicle day-use fee for parking at Big Lagoon. For more information call (707) 822-4673.

.....
**Nick Swain may be
contacted at thejack@humboldt.edu**

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EDITORIAL

The Market of Your Facebook Status

We give our social security numbers, birthdays and addresses on the Internet. Advertisers and other research companies can buy the information we give online without our permission. In the age of Facebook, Youtube and Twitter are people starting to accept that there is no longer any privacy? Or is it that we are not aware that this information can be purchased?

With all of this important information we give, how are there not Internet privacy laws? The possibility of what companies are doing with this information is endless. They could build a personal portfolio of our activity.

Companies buy information on applicants before they make the final choice to hire. This gives them access to our private lives, finances, religions and political parties. It has also been seen in recent history that employees are fired for information that they thought was private.

In March, the Obama administration called for legislation to protect consumers' privacy. While there have been previous proposals, none have passed. The bill is said to give citizens the right to access the personal data that is being gathered and the right to secure it. In other words, we will have the option to release our private information to employers. Our question is why would we want our information released in the first place? If it were up to us, we would chose to keep our private life just that, private.

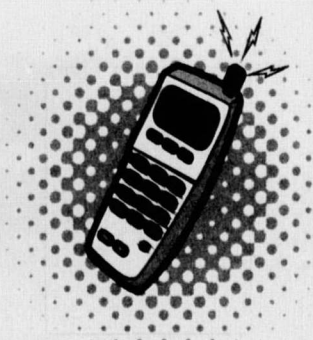
Microsoft stepped up and endorsed the bill. On the same day they introduced their new version of Internet Explore that allows users to use a do-not-track tool. This tool lets the user decide to be monitored by outside companies.

The advertising industry has a lot of money and companies to help them fight this battle. We as citizens need to take a stand and let our government know that we support this bill.

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And All That Jazz

by T.K. Harris

Revolution is big this year in Northern Africa. We watched the protests in Tunisia and Egypt. We waited for results and we saw the liberation from their corrupt leaders. Now Libya is doing the same. The Libyan people want Moammar Gadhafi out of office. The problem is Gadhafi is willing to fight to remain in power.

The violent protests to end Gadhafi's reign turned into a civil war. As the war continues, the question for America is: "Do we help the rebels overthrow Gadhafi?" No, I do not think we as a country should help. America has a lot of stuff to deal with ranging from the economy to wars in Iraq and Afghanistan that we are still involved in.

For one, we can't justify spending more money we don't have on a civil war that we aren't inherently a part of. The country is feeling the effects from the cost of our current Middle Eastern wars. People are saying that if we did send troops to Libya, the war would be over within days. Funny, I remember about 10 years ago hearing people say the same thing about the Iraq War. At the moment all we have done to help is enforce a no-fly zone brought on by the United Nations by bombing Loyalist soldiers. Explosions are chaotic and unpredictable and people tend to move around a lot, so it doesn't seem very helpful to me.

I also think the Libyan revolution would hold much more power if it came from their hands. If the people want democracy they'll fight for it. It isn't fair to Libyans for us to show up in our chromed-out, H2, American-flag-painted tanks and say, "Here, have some democracy. Oh yeah, can we get some gas? We're almost on empty." I mean, my heart goes out to the people dying and being displaced, but food tastes better when *you* make it.

SEX COLUMN

Dirty Little Secrets

"Don't touch me while I'm Tantric." -Paul Finch, American Pie 2

by Catherine Wong

Actually, no, touch me while I'm Tantric. Tantra is a Sanskrit word that is modernly associated with meditative sexual practice. Tantrism is actually a religious group of Hinduism. Tantrism focuses on liberation from ignorance and rebirth. The word Tantra also applies to any of the scriptures commonly identified with the worship of Shakti, the Hindu divine feminine power.

Tantric practitioners seek to use the prana, or divine power, that flows through the universe. During meditation, they identify with any of the Hindu gods and goddesses. They visualize the gods and embody the divine power, a process likened to sex. Some Tantric monks use female partners to represent goddesses.

As Tantric practice became known in western culture, it has been identified as a solely sexual method. The fact that it is a spiritual practice is often overlooked. Tantric sexuality combines ecstatic consciousness with increased spiritual awareness of the erotic consciousness of others. The specifics of genuine methods are often kept secret and passed from practitioners to students in an oral tradition. Tantric spiritual practice is an aspect of a spiritual path of meditation. Sexual and erotic aspects of Tantra cannot be authentically engaged in without adequate preparation and discipline.

Neotantra is a term used to describe the modern use of the word Tantra. In Neotantra, the most important features of sexual practice involve our sensual energies and the accessing of these energies to enhance pleasure. Neotantric sex is not just about sex lasting eight hours or assuming complicated yogic positions. Have you ever felt such ecstasy during sex that you could burst? Been so lost in the experience that you melted? Been transported to another dimension? Neotantric sex is about reaching a new level of intimacy with yourself and your partner.

There are a number of ways to elevate the intimacy in your love life. Looking deeply into your partner's eyes is a cliché, yet effective way of connecting. Place your hands on each other's heart and try to breathe in the same rhythm. This will help pace you as a couple as well as channel both your energies into one force. The goal is to connect mind, body and spirit to a state of bliss.

Massage is also a widely used method of gaining intimacy. It increases blood circulation throughout the body and relieves muscle tension. Amateur masseurs should aim their motions towards the heart. If starting at the arms, move up to the shoulders. If starting on the legs, move up towards the groin. Tantric practices also encourage body worship. Your partner's body should be regarded as one of a god. The penis is referred to as "lingam" or "wand of light" and represents the Hindu god Shiva. The vagina is referred to as "yoni" and has many meanings: origin, spring, fountain, place of rest, and home.

Finally, the key step is to move the sexual energy from the genitals (where it is usually expelled) to the heart. This will let you experience the energy that is cycled throughout the body and mind and allow the experience of the "total orgasm"--when you connect to yourself, merge with your partner and melt into the universe.

Cheers and Jeers



Cheers to Ufficio Scavi (the Excavations Office) at The Vatican for allowing me to tour the sacred area where St. Peter's bones are. This is a privilege given to a select few, given it's a very delicate archaeological site. I will get to tour the Scavi this summer when I go to Europe. I just had to share my excitement with HSU!



Cheers to the workers clearing up the 101 highway after the mudslide!



Cheers to the girl who found hot pink pants big enough to highlight her gigantic ass.



Jeers to the sun being out.

The Lumberjack wants to introduce to you
a new section this semester:

Cheers & Jeers.

Have you ever wanted to publicly thank the cashier at the Depot for being so kind on a day you needed it? Or have you wanted to tell off the biker who cut you off on your way down B Street? Tell them now in less than 60 words.

Find this new community-based
section online at:

www.thejackonline.org.

Submissions must not identify anyone and are subject to edits and review by the Lumberjack editorial board. All accepted submissions will appear on the website. We will run the best cheers and jeers of the week in the print version.

CLASSIFIEDS

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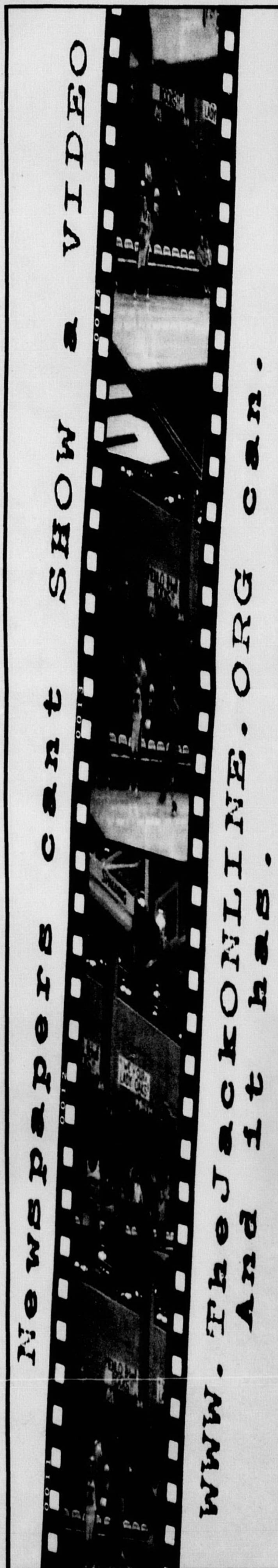
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