Father Serra's 'finest water' now polluted

by Susan Harris
Special to the Daily

With the sparrow aloft, the Indian stood poised on the creek bank, gazing into the clear depths. Every muscle tense, he watched the steelhead swimming in the pool. The fish escorted along the creek, oblivious to his assault above.

The Christian Indians lived along San Luis Creek, eating the fish and using the creek as their water supply.

Father Serra built Mission San Luis Obispo de Tolosa on a small elevation, named it a stream of the 'finest water.'

Today, the bustle of the city surrounds the stream. People sit along its banks and gaze down at the water. Some of them attempt to swim along, not knowing the danger that still looms.

The shadow of the Indian may be gone, but for the fish a more serious threat looms over them. Pollution.

The catchword since the late 1960's, environmental pollution, is a problem. Unfortunately, San Luis Obispo isn't an exception. The city doesn't have storm sewers and everything that washes down the gutters ends up in one of the creeks. The creeks have become clouded with gasoline, oil, and soapsuds.

The fish that live in the streams have begun to die for lack of food. San Luis Creek especially, is in a delicate condition. It is one of the southernmost steelhead runs in California. Once, the stream used to migrate up every coastal creek north of the Mexican border. Now, half of them 'run' or migrations have stopped due to pollution.

Usually during the winter storms, steelhead swim upstream from the sea to spawn. Once the habitat of the Christian Indians, San Luis Creek now holds potential danger for fishes that annually migrate up the stream.

Breeders give bulls to students for testing

by Frank Van Brocklin
Staff Writer

The Cal Poly Bull Test Program gives students an opportunity for hands on experience in evaluating and selling bulls as well as offering breeders a way to predict their stock's performance.

A director for the bull test, William E. Plummer said the bull test, from the arrival of the bulls to their sale in October, is a student run project.

Plummer, an animal science professor, said about twenty students received the bulls from breeders on Friday and Saturday. The students are members of a special class taught spring quarter.

Animal Science 4752, Bull Test. Students are also active in the evaluation and upkeep of the young bulls. The evaluation begins May 26 and runs until September 23.

The bulls are tested according to a strict and standardized evaluation. 'The idea is to bring bulls in under all the same environment. This proves that superior bulls can be said to be superior because of genetics," Plummer said.

The first criterion for the bulls to qualify for the sale is they must rate positively on the Beef Improvement Federation Index.

The BIF Index is a method for comparing the weight gain of bulls on an equal basis. The projected weights of the bulls are run through a special formula to determine their expected weights. The formula adjusts for age, so that a 364-day-old bull is compared equally with a 300-day-old bull. These expected weights are then averaged, and a bull is judged positively in its weight was above the expected average, Plummer said.

He noted that about 50 percent of the bulls are eliminated from the sale because they did not rate positively.

The second major criterion is scrotal circumference. Plummer said a yearling bull must have a scrotal circumference of 35 centimeters or greater to qualify for the sale.

He said the circumference relates directly to sperm production. Each cubic centimeter of testicular matter has the potential for producing 6 million sperm. As the scrotal circumference increases arithmetically, sperm production increases proportionally, Plummer said.

The third major test criterion is hip height. The bulls must have hips 47 inches or taller to qualify for the sale, he said.

"If you look at proportionality and frame size of an animal, you get a lot more marketable cuts off a larger animal," he said.

Another must for the bulls is their weight per day of age must be at least two pounds per day.

Plummer said the minimum weight per day of age prevents breeders from bringing in inferior bulls merely because Cal Poly can feed their bulls for less money then they can on their own range.

Students also participate in the upkeep of the bulls during the test period. Plummer said about three Cal Poly students are employed by the Bull Test Program at any one time to feed and train the bulls.

Students also have the experience of hearing the bulls begin on their arrival at Cal Poly when the bulls are brought shot of an eight-walk clostridium to prevent ailments such as pneumonia, black leg, and malignant edema. The bulls are also given shots of 1112 to prevent disease contagious diseases and P3 for the test.

The bulls are also given a magnet to prevent hardware.
Opinion

Dreaming of boycott nightmare

We have a dream... That this summer, all nations, rich or poor, stable or unstable, Eastern or Western aligned, heavy medal favorites or perennial has­ beens, will find reasons to stay away from the 1984 Olympic Games.

That after Romania becomes the last Eastern Bloc nation to boycott—Soviet officials, who have still not used the word, have been pressuring Romania this weekend—many others will follow. That some countries will walk out for the traditional reason, four years of anti-US sentiment which is universally translated "We're tak­ ing ball and going home."

Cubas, among other nations, is like­ ly to stay on its home court. We have a dream that other na­t ions will play similar political games with the Games. That Argentina, for example, will boycott for the US position in the Falkland Islands battle. That Great Britain, citing "incessant bother" of the Royal Family by the American press and Joan Rivers—when they mean insufficient US support in the Falklands fight—will pull out, taking a few western European nations with them out of sheer esprit de corps. That French Canadians shunning "Secession!!" and angered at their own country's Olympic bid, will force Canada to sit out because of a lack of athletes, and that France will keep its political ball, hubring the rest of the Western European nations. That Mexico, "regretting the circumstances" and apologizing promptly and outright, is the last Latin American nation not already in­ fluenced by Argentina's move to join them in protesting US inter­ vention in Central America. There won't even be enough teams to do the race, the name to The Pan­ American Games. We have a dream that Iran won't show up because the Ayatolah Khomeini likes to study the effects of stress on American political system, that Iraq will also stage a no-show because it has enough competition on the Strait of Horn­ mus to satisfy its citizens.

That smaller nations will feel an "imbalance of democracy" in the Games as a security threat, and that many more will find no reason to attend because there will be no competition.

That all the people who earlier were gyped in an Olympic track snafu will be able to join hands on the day of the US intrasquad track ride in the Los Angeles Coliseum singing that old Olympic fan spiritual, "Seats at last! Seats at last! Thank God Almighty, we've got them."

We have another dream that future Olympic Games will undergo a "new" era, its amateurism stripped by inspired legal battles from pro football players and former amateur stars Renaldo Nehemiah and Will­ liam Gault, who say they will lose a lot of money in endorsements because they can't compete. We have a dream the US Olympic Committee will pool its meager PC means to stage a neutral country—in our dream such a country exists—and force the International Olympic Commit­ tee to turn the Games over to a cartel of sponsors, not of countries.

Then, when the Soviets wish to have worked, they'll have to buy boycott with the William Morris Agency or Nike shoes, and no one will really care. Westerners may even be pleased for the deal they'll get on athletic equipment when their value drops.
The major student involvement is a term of numbers of students in finding the bull sale in October. Plummer said generally about six students and 50 students are needed to prepare and run the annual sale.

He said any Cal Poly student, whether that student is in the School of Agriculture and Natural Resources or not, is welcome to help out with the sale. He noted, though, participants generally come from the Animal Science or Agricultural Management program.

The bull program also offers opportunities for hands-on experience for students in applied beef classes, cow class, feed labs, and even zoological behavior classes.

Besides benefiting students the program also benefits the breeders who enter their stock.

"There are several bull tests around, and the idea behind them is monetary. If I send bulls better than my neighbor's bulls and if I advertise this, my bull will sell for a higher price than my neighbor's bull," Plummer said.

He said the bull test allows bulls to be compared from a similar standpoint and therefore helps breeders see how their stock matches up with other breeders' stock.

Plummer said the program also helps the university somewhat.

"We advertise Cal Poly to potential students. The tests provide a lot of good advertising both to the beef industry and to general agriculture in California," he said.

The bull sale has been going on for 67 years with only one break.
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Dorms hold their rendition of Games

by Cindy Blankenburg

1964 is the year of the Olympics which are to be held in Los Angeles. On Saturday, Cal Poly had its own version of the Olympics—the Dorm Olympics. Members of the eight residence halls competed in such events as swimming, a grassed watermelon contest, nine-legged relay, wheelchair races, tricycle races, volleyball and tug of war.

Muir Hall was the over all winner, taking first in six of the 14 events. Cal Poly's Inter-Hall Council, made up of the presidents of the different dorms, came up with the idea to hold a Dorm Olympics to get the halls together to have fun. Jill Bates, adviser to the Inter-Hall Council, said. Nearly 400 students took part throughout the day, she said. Participants were required to live in the dorms.

"If a member of the track team wanted to compete, he couldn't unless he lived on campus." Members of the Inter-Hall Council served as coordinators, score keepers and referees.

Muir Hall had a total of 56 points. They were followed by Pomona with 34; Sequoia, 21; North Mountain, 16; Trinity, nine; Tanaya, six; Sierra Madre, four; and Yosemite, two.

Muir won $300 worth of food donated by the Housing Department. Pomona will receive $150 in food and Sequoia, $50 of food. Dorm members will be able to choose the meal which will be provided by Cal Poly Food Services, Bates said.

After the competition, a street dance was held behind Tanaya Hall to finish up the day.

Mondays only... Order a large 1 item pizza for only $7.50 and receive two free quarts of coke! Offer good Mondays only at Domino's Pizza.
Campus

Dirty creek a former site for trout

from page 1

young fish would live in the creek for a year and, with the following winter storms, go out to sea. This cycle would continue as long as the stream remained clean.

Now, San Luis Creek might not be pure enough for the sensitive fish.

Affecting the creeks are two types of pollution problems: daily and sporadic," says Richard Schmidt, former member of the Waterway Planning Board.

Schmidt explains the daily pollution can be chemicals such as oil, gas and soapsuds.

Pollution comes from the service stations washing down their cars and then into the creeks. "You can tell when people are washing their cars at Tropicana," says Schmidt. On the weekends Old Garden Creek, that flows by Broad Street, fills with bubbles. "Sporadic pollution is usually worse," continued Schmidt. This could occur by people changing their motor oil and dumping it down the gutters. "This has been known to put up a smoke for a half mile."

A disaster that occurred in 1980, turned San Luis Creek into a "biological desert." An oil pipe was run over by a bulldozer and 4,200 gallons of refined fuel emptied into the stream. Biologists studying the creek estimated 15,000 to 30,000 fish were killed, leaving virtually nothing alive. It killed steelhead, stickleback, carp, lamprey and eels and insects. It took three weeks to clean up and six months before any living thing was found in the creek.

Schmidt, who has lived next to Old Garden Creek for 12 years, has seen the streams turn from green to brown. "They hadn't been spotted for eight or nine years, until someone reported seeing a few this past year."

If someone does see pollutants flowing into any creek, Schmidt advises calling the San Luis Obispo Fire Department.

Dirty creek a former site for trout

Special secrets revealed

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The basics are stage effects, like making fire, wind, rain, making people fly and cosmetics, for example. They're done on a single piece of film.

The modern film industry is getting into visual effects, which is like animation. It combines one series of film for the background, one for an airplane and one for a rocket shooting by, for example.

McCune told several special effects secrets such as using distorted elephant grunts for the sound of fighter planes whizzing by, dying simulated ocean waves with green parrafin, chipping away at big foam blocks to create "ice caverns" and using a remote-controlled gopher puppet to destroy golf courses in "Caddyshack."

"Caddyshack" was probably my funnest assignment because there was less pressure," he said, knowing I was going to get paid a lot, and it's like getting paid for something you enjoy.

Answering a question from the audience, McCune explained what the potential might be for those seeking to enter the special effects field.

"Working under the required union, the basic wage is currently $4.81 per hour, but I made $20,000 in six weeks once. When you're salaried, there's no limit if it's worth it."

McCune disclosed that his latest project is a movie called "Space Vampires." After the audience snickered at the title, he said, "It really is a good script, but I guess it does have a horrible name."

Newsline

Reagan wants lower teen wages

WASHINGTON

(AP)—President Reagan renewed his push for a lower minimum wage for teen-agers Saturday and also urged employers to pay teen-agers $2.50 an hour, six cents below the legal minimum wage, for summer work.

"Clearly, if the dream of America is to be preserved, we must not waste the genius of one mind, the strength of one body or the spirit of one soul," Reagan said in his weekly paid political radio speech.

Reagan urged Congress to support legislation authorizing employers to pay teen-agers $2.50 an hour, 65 cents below the legal minimum wage, for summer work. The bill would apply to youth from 14 to 19.

The proposal, which the president tried unsuccessfully to get approved by Congress in the past, has been derided by the AFL-CIO as a threat to the job security of older people who work at the minimum wage of $3.35.

Teen-age unemployment was 19.4 percent in April. But among blacks it is 44.8 percent.

Reagan told businessmen they could receive tax credits of up to 85 percent on the first $3,000 in wages they pay to those who participate in a program to hire disadvantaged youth.
All glitter was Gold at Mustang intersquad game

by David Kraft
Staff Writer

Junior Gary Myers, a transfer from Bakersfield City College, scored two first half touchdowns in his initial start for Cal Poly as he led his Gold team to a 17-15 win over the Green in the annual Mustang spring football game on Saturday.

Myers scored on runs of four and two yards respectively in the first and second half. The 5-10, 190 pounder is in battle for the starting tailback job with Vernell Brothers and Jim Blue.

Brothers also got a chance to shine, picking up 96 yards on 23 carries. The 5-11, 202 pound senior had 36 yards in the first half, but was limited to just nine after intermission.

As spring games go, the contest was highly emotional. There were no alterations between the teams as tempo grew short. There was also some solid hitting, something head coach Jim Sanderson has been trying to instill in his ball club.

The Green opened the scoring six minutes into the game when Myers scored from four yards out. Tom Corte, who handled the placekick chores for both teams, added the extra point.

The Green tied it up with 3:26 left in the first quarter when redshirt freshman quarterback Robert Perez hit former quarterback-turned-wide receiver Clark Serenon for a 30 yard scoring strike. Corte tied the score.

Perez added his second touchdown with 10:10 left in the half when he scored from the two yard line. Myers followed his offensive line on a key fourth down call. Corte added his third extra point.

The Green got close again when fullback Jim Hawkins plowed over for a six yard touchdown with 2:09 left in the half. But the Mustangs were unable to convert the ensuing two-point attempt.

The only scoring in the second half came on a 32 yard field goal for the Gold by Corte with 48 seconds left in the third period.

Both teams piled up 282 yards in total offense. The Green had the better of the passing statistics with quarterbacks Perez and Jeff Loper connecting on 11 of 20 for 130 yards. Perez had a touchdown and there was one interception.

While quarterbacks Jeff Myers and Dave Giannini only put it up 11 times, completing six for 108 yards.

The game ends spring practices for the Mustangs, who now take the summer off before renewing practice August 15. The Mustang opener is Saturday, September 8 at home against Sacramento State.

Former Mustang fullback Phyl Fiehler carries the ball through a pack of adversaries during a game last season. Spring practice culminated with the Green and Gold game on Saturday. The old team won, 17-13.

Athletic end to Greek Week
by Rebecca Prough

Greek Week, a week of fun events and competition for students in the Greek system, concluded last weekend with an all-day Olympiad at Port San Luis on Saturday and the tab & crew races on Sunday.

The Olympiad, a sort of mini-Olympics, included events like the 100-yard dash, various relays, the long jump, the ocean plunges swimming and the chariot races between each fraternity's custom made chariot.

Each event included at least three heats and there were separate competitions between the fraternities, sororities and the fraternities' little sisters.

More than 1,000 Greeks came to Port San Luis to compete, support their houses and enjoy the warm beach weather.

On Sunday, the fraternities had races in their custom-built bathtubs. The race course was Cal Poly's ornamental horticulture hill.

On Sunday afternoon, the fraternities concluded the Greek Week competition and got to show off their fine-tuned drinking abilities in the crew races. Each fraternity had a five-member team, with each member successfully drinking a full can of beer as fast as possible.

Individual times were as low as just over three seconds and team times were around 20 seconds.

The winners of the different Greek Week events were not known at the Daily's time of publication, but there were awards given in fraternity, sorority, and sweepstakes divisions.