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Biologist remedies cheese problem

By TRISH NEIWORTH
Barometer Writer

The United States may never make cheese the same way again, due to the efforts of OSU scientists.

Microbiologist Allan Huggins has uncovered a method of isolating virus-resistant starter bacteria, a problem cheese manufacturers have been trying to deal with ever since they began making the popular dairy product.

According to microbiologist William Sandine, who heads OSU's culture reasearch, "bacteria get viruses just like people do." But instead of making the bacteria sick, these viruses can kill them. And this means dollars for manufacturers since they need a bacteria to inoculate milk to convert it to cheese.

"If the starter bacteria gets sick, a manufacturer could loose thousands of dollars a day, easy," the microbiologist added.

Huggins has come up with a way of easily isolating those resistant to viruses and OSU is applying for a patent for the "plating" method. Already, cheese manufacturing companies are negotiating with the university to license it for their own use.

Currently, the Tillamook Cheese Company and the Olympia Cheese Company have licensed the method.

Sandine pointed out companies have been trying to combat the virus internally. Some have done all their manufacturing under antiseptic conditions, hoping to keep the cultures virus-free as long as possible.

Another problem possibly facing the cheesemakers is that some of the cultures are unidentified mixtures of bacteria supplied from companies. Because they work in the process, the cheesemakers use them and call them mixed strains.

Other cultures are a mixture of identified strains isolated from a variety of sources and then mixed and are called multiple strain cultures.

Sandine explained that "nearly all cheesemakers use one or the other. But they have no idea of what's in them."

Sandine ventured to the New Zealand Dairy Research Institute in 1975, and obtained fresh ideas and a determination to rid cheesemaking plants of these unknown strains in which virus could not be scientifically con-

trolled.

He sought assistance from extension dairy specialist Floyd Bodyfelt, graduate research student Suzanne Daniell and Roy Stein, who heads quality control at the Tillamook County Creamery Association's Tillamook dairy.

He said that they used a collection of 100 strains of bacteria isolated from cheese-milk starters. They tried to find out if any of these strains were resistant to viruses in the cheese plant environment.

Another graduate research student, Randy Thunell discovered about a dozen strains resistant to viruses that were present in cheese plants.

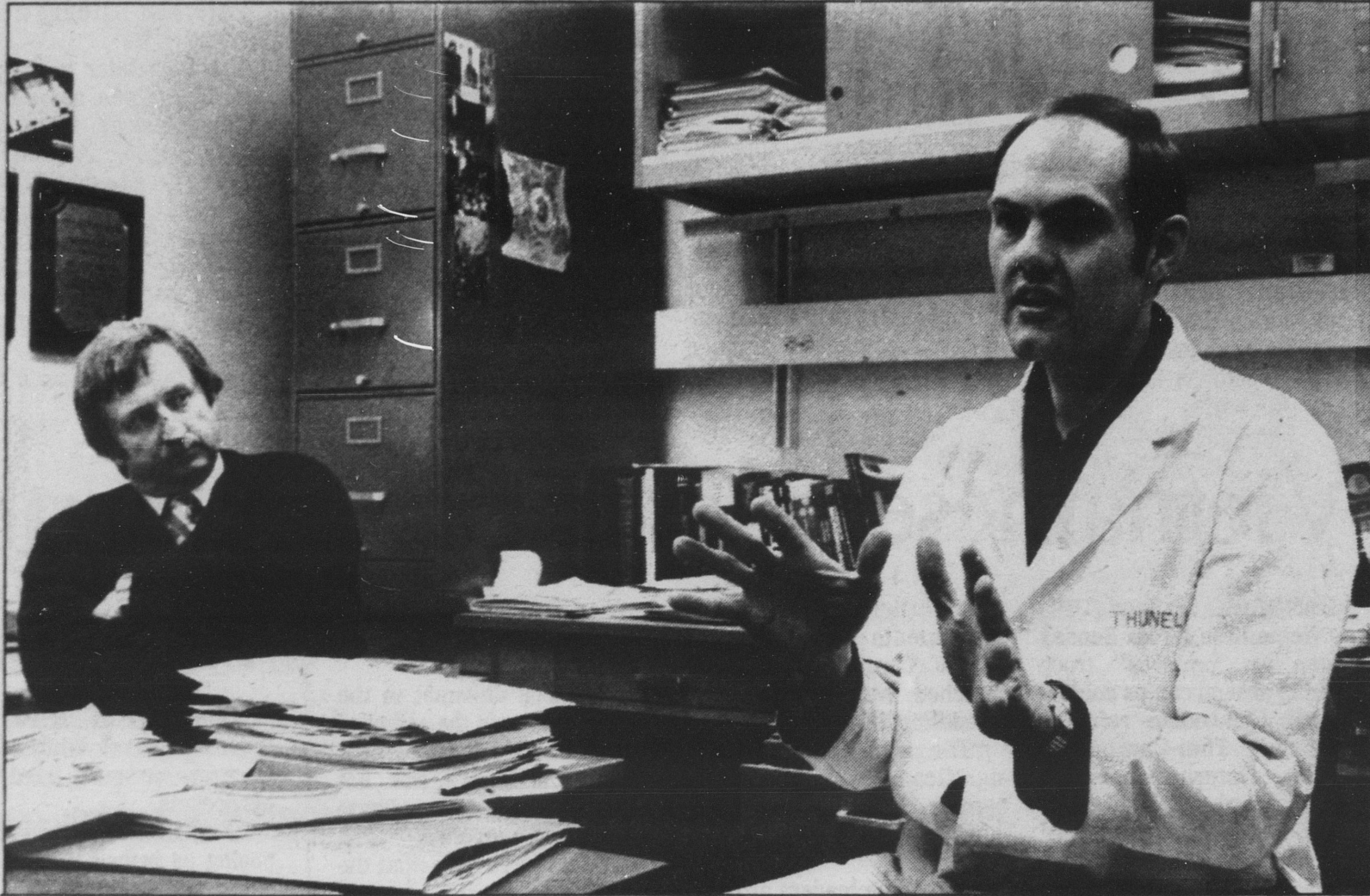
Consequently, Huggins, who had been working on another project in the meantime, uncovered the isolation method, which has been patented and is kept under lock and key for security purposes.

Sandine and Thunell used Huggins' technique experimentally to demonstrate they can provide virus-resistant strains for use in cheesemaking. The OSU culture now has six strains of lactic acid bacteria.

Sandine pointed out that the two manufacturers using the method now were a bit afraid of it because it was so different than what they had depended on for years. The Olympia plant went on the method right away, while Tillamook digested it more gradually, he indicated.

Besides saving the companies money because they don't have to worry so much about viruses striking their cultures, the new method offers a uniform method of cheesemaking.

Since a manufacturer can rely more heavily on one culture, they can expect to produce all good cheese without variability.



Randy Thunell, grad student and microbiology culture research asst., explains the benefit made from the isolation of virus-resistant bacteria used in making cheeses as William Sandine, microbiology professor and head of the cheese bacteria research project, looks on. (Photo by Ross Anker)

Currently, three major culture-producing companies are looking at the plating method. Sandine said that the discovery has been really successful and one that the university has been looking into for more than 20 years.

He said that it is probably a matter of time before a large cheese researching company comes upon this method of isolating virus-resistant strains, but for the time being, OSU has the rights to the method.

Sandine, who won the 1979 Dairy Research Foundation Award for his research, predicts "all commercial starter companies will come to use this system sooner or later, in order to stay competitive."

See related story on page 6

For Oregon Primary

Petition seeks independant vote

There are 165,000 registered voters in Oregon who are denied the privilege of voting in primary elections and there is a move afoot to change that.

Citizens For An Open Primary is circulating initiative petitions in Oregon to permit the two major political parties to invite registered Independents to vote in their primary.

Curt Johnson, recent OSU graduate and manager of the campaign, was on campus

Wednesday evening to speak to students and faculty about the proposed action.

Since 1974, Independent registration has increased by 325 percent. A 1976 Bardsley and Haslacher poll showed 78 percent of those interviewed as favoring the open primary.

The result of opening up the primary to Independents would be that parties "would have to be more responsive or die," according to Johnson.

With increased competition,

better candidates will enter the primaries and those candidates will campaign actively to capture a segment of those 165,000 Independents, said Johnson. He indicated that once voters become accustomed to voting in the primaries, many will eventually register with a major party.

Under the proposed law, Independents would be given a Democratic ballot or a Republican ballot, but not both, as some states with completely open primaries do. Oregon's system would prevent "crossing over" and voting for the weaker candidate of the opposing party.

Johnson speculated that since there are more Independents in college towns than there are elsewhere, much interest in this issue will likely be generated here.

Honorary chairman for the initiative drive is Oregon Gov. Vic Atiyeh, with Rep. Bill Rutherford (R-McMinnville) and Sen. Charles Hanlon (D-Cornelius) co-chairing the project.

inside

Hiring freeze may hurt OSU research. Read why the Oregon Emergency Board has not considered the matter on pg. 3

An update is planned for the OSU City Affairs Office. For plans suggested by the new city affairs task force director, read pg. 6

OSU professors discover new cheese culturing process. For more information see pg. 6

OSU grapplers upset SOSC in weekend contest. For more details read pg. 11

weather

Fair and warm weather is expected for the next few days in the Corvallis vicinity. There is a chance of showers today while a ten percent likelihood exists for Tuesday and Wednesday.

Temperature should remain moderate with highs from 55 to 60 and lows ranging to 40. Southwest winds are predicted at 10 to 20 mph. The long-range forecast calls for increasing morning fog and more rain next weekend.

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News wire

In Tanzania

Ali questions Olympic boycott mission

DAR ES SALAAM, Tanzania (UPI) — U.S. presidential envoy Muhammad Ali Sunday threatened to call off his African mission to win support for a Moscow Olympics boycott, saying "maybe I'm being used to do something that ain't right."

At a sometimes tumultuous airport news conference on the first stop of his five-nation tour at President Carter's request, Tanzanian journalists persistently asked Ali why he was trying to draw Africa into a U.S.-Soviet

dispute. Reacting to the barrage of questions, the former heavyweight boxing champion said, "You all have made me feel funny with your questions, like I'm a traitor."

While U.S. Embassy officials looked on in apparent distress, Ali said, "You all have given me some questions which are good and are making me look at this thing different. We can put your whole country on the map and say you converted Muhammad Ali. He came here and

turned around after he found out the situation."

Appearing somewhat bewildered by the hostile questioning, Ali said, "I believe what I saw on television. I saw Russian tanks moving into Afghanistan. I saw people being killed. Are they right? Tell me because I want to stop here before I go to any other country. See, I don't want to make a fool of myself."

Ali, 37, brushed off attempts by U.S. officials to cut off the news conference and said he

was learning from his questioners who told him Moscow has done a lot to help the African liberation movement.

"I'm not a traitor to black people. If you can show me something I don't know, I want to be helped," Ali said.

"I'm not here to do nothing against Africa. I'm not here to promote no role for America. If I find out something else, I'm going back to America and cancel the whole trip, if I'm wrong."

"Maybe I'm being used to

do something that ain't right. I could amend my wrongs."

But Ali said many of the questions could better be answered by diplomats, adding, "I'm not a politician. I got my fame boxing."

Earlier, hundreds of enthusiastic spectators mobbed Ali as he stepped from his U.S. government jet. The fans defied police and surged onto the tarmac for a closer look, and each time Ali raised his arm into the air, the crowd cheered wildly for several minutes.

Tanzanian officials turned down a U.S. request for Ali to meet with Tanzanian President Julius Nyerere, saying Nyerere's schedule was too tight, and made it clear they considered the visit a sports rather than a political event.

Ali was met by Tanzania's minister for culture and youth, C. Mgonja, and will hold talks with him and sports officials Monday before leaving for Kenya. Other stops on his trip are Senegal, Liberia and Nigeria.

Vietnamese add troops

BANGKOK, Thailand (UPI) — Vietnamese forces Sunday began an "ominous" troop buildup around camps holding 400,000 Cambodian refugees on the Thai-Cambodian border. International aid agencies ordered emergency evacuation plans prepared and workers on 24-hour alert.

Western military analysts said thousands of Vietnamese troops had formed forward lines near both Nong Samet

and Rehou, sprawling refugee settlements where about 400,000 Cambodians live in thatched hut encampments straddling the border.

"The signs and potential significance of the Vietnamese buildup is considered ominous," said one Western diplomat.

Cambodian leaders at Nong Samet, a camp of 75,000 refugees about 200 miles northeast of Bangkok, said

Vietnamese lines were only 300 yards outside the settlement's perimeter.

A Western diplomat in the border area said the extent of Vietnamese troop deployment around the camps was not known, but reports indicate the number involved "is a great deal more than what the Vietnamese would need to simply clear out the Khmer Rouge."

International aid agencies, including the Red Cross, ordered field workers to begin an immediate review of emergency evacuation plans for both foreign volunteers and the Cambodian refugees. The Red Cross said its personnel had been on 24-hour standby since Friday.

"The foreign volunteers are being told to keep their walkie-talkie radios on at all times and to know where their evacuation vehicle is parked," said one relief official.

The officials said the Cambodians were being briefed in detail as to which routes they should use to flee to safety inside Thailand in the event of a Vietnamese attack.

"The earlier emergency plans were drawn up in a hurry and have had to be changed," said one worker. "There are also many new arrivals in the camps and the Thais have mined certain portions of the border so it's important for the refugees to know which way to run."

Relief officials also said contingency plans were being drawn up to evacuate 111,000 Cambodian refugees from the Khao I Dang U.N. Holding Center, 5.4 miles inside Thailand. Khao I Dang is within range of the 105 mm howitzers the Vietnamese are using in the border region and is considered highly vulnerable.

Newsmakers predict downfall of Karmal

ISLAMABAD, Pakistan (UPI) — Diplomats in the Pakistani capital of Islamabad said Sunday Soviet-installed Afghan strongman Babrak Karmal appears to be on the way out of power.

The first hint Karmal was in trouble came three weeks ago when the State Department in Washington announced "unconfirmed reports" circulating in Kabul that the 50-year-old Moscow-style Communist was in trouble.

But in the last four days, Afghanistan observers noted that official Radio Kabul has not mentioned Karmal in any of its broadcasts, even though it previously mentioned him almost daily since he was installed by the Soviets Dec. 27.

Another foreboding sign for Karmal was an editorial in the Jan. 28 edition of the official Kabul New Times newspaper, a copy of which reached Pakistan Sunday with travelers.

The English language newspaper's lead editorial

said the government's "political base" should be extended to include "the best patriotic elements from all professions."

"If a man like Karmal who is actually too familiar with problems and people of this country hesitates for a moment to come to grips with the most urgent problems of our time with the help and cooperation of the right men around him, this would not contribute to his credibility among the intelligentsia," it said.

The diplomats said the two clues, combined with Karmal's continued inability to improve the domestic economic climate and reverse the disintegration of the Afghan army, showed he was headed for ouster.

"I don't give him more than two or three months," a Pakistani diplomat said.

A Western diplomat, asked whether it was premature to suggest Karmal was on the way out, said, "I don't think it's premature. I think it's accurate."

news briefs

FBI probes Congress scandal

WASHINGTON (UPI) — While the hidden cameras whirred, a member of Congress nervously tried to stuff \$50,000 in his pockets.

He turned to FBI undercover agents, posing as bribe-paying aides to an Arab sheik, and asked "whether anybody could see any of the money" sticking out of his clothes, one source said.

The scene was one of dozens that sources said were recorded on videotape by the FBI in a stunning two-year investigation, described as the largest ever involving members of Congress.

Details of the probe began to surface Sunday, with a U.S. senator, seven House members and some 20 other public officials implicated in payoffs of nearly \$700,000. Sources said congressional figures accepted several hundred thousand dollars in cash, often in \$50,000 lump sums.

Among those investigated, sources said, were: Sen. Harrison Williams Jr., D-N.J.; and Reps. John Jenrette Jr., D-S.C., Richard Kelly, R-Fla., John Murphy, D-N.Y., Frank Thompson Jr., D-N.J., and

Raymond Lederer, Michael Myers and John Murtha, all D-Pa.

No charges have been filed, but one source said grand juries in several cities probably will be asked to return criminal indictments in the case "promptly."

The operation began in New York in February 1978 to probe alleged organized crime thefts of art and financial securities. Undercover FBI agents told underworld sources they represented an "Arab businessman" who had millions of dollars to "invest."

Citizens cut back fuel consumption

WASHINGTON (UPI) — Americans used less gasoline in 1979 than in the previous year — an unprecedented event in a period unmarked by war, depression or an Arab oil embargo, a highway safety group said Sunday.

The Highway Users Federation estimated Americans used 1.6 percent less fuel and drove 25 billion fewer miles last year than in 1978, when motorists drove an all-time high 1,550 billion miles.

The nation's 154 million cars, trucks and buses used an average of 797 gallons of gas in 1979, down from 841 gallons the previous year. Overall, Americans saved almost 2 billion gallons of motor fuel, the non-profit group said.

"The need to conserve fuel has taken hold on the public," said the federation's president, Peter Koltnow. "Average highway speeds are dropping, car and van pooling are on the rise, truck fleets are engaged in fuel-efficiency programs and there is little unnecessary driving nowadays."

"Voluntary conservation is working." The organization predicted, despite an expected increase in highway travel over the next 20 years, fuel consumption will continue to drop due to more efficient cars and conservation efforts.

British reporters missing in Kabul

LONDON (UPI) — Three British journalists are missing in Afghanistan, the Foreign Office said Sunday.

The three failed to return to their hotel in Kabul after leaving Friday to drive north toward the border with the Soviet Union, the Foreign Office said.

The three are Richard Balmforth of Reuters, Elizabeth Thurgood of The Guardian and Marcus Eliason of The Associated Press.

Since the Russians moved into Afghanistan in December, reporters attempting to drive north have been turned back about 40 miles north of the capital, Kabul. Some photographers and cameramen have been detained for a few hours.

Legislators make no decision on hiring ceiling

By LAURIE MASON
Barometer Writer

The Oregon Emergency Board met last Thursday, but did not discuss the 1.6 percent-of-the-Oregon-population state hiring freeze which may have an adverse effect on OSU research in the 1980 calendar year.

According to Antone C. Van Vliet, local Representative and off-session director of the OSU Career Planning and Placement Center, the matter had not been on the board's agenda.

Van Vliet said in the Jan. 30 Barometer he anticipated House Bill 2681 would come under discussion.

"I imagine the executive department, which is headed by the Governor, wants to handle this problem internally, and only come to the board in case of real trouble," Van Vliet said.

He explained that the agendas are made up in advance of an Emergency Board session by the executive department, and if the off-session legislators want an item included they must type a request.

"I assumed it would be on," Van Vliet added.

The legislators passed House Bill 2681 (which was

effective Jan. 1) during the course of their session last year, and the effect of the state employee hiring freeze is beginning to be felt at OSU.

According to the bill, 1.6 percent of Oregon's population would be used as a ceiling figure for state employees. According to Van Vliet, the legislators were surprised to find out that they were within 405.65 full-time equivalents (FTE's) of that 40,704 number.

Van Vliet said in the Jan. 30 Barometer article that there could be a problem with staffing the new OSU Veterinary Medicine Center, currently under construction on the south-west corner of campus.

He added Sunday that, while the matter was not discussed by the Emergency Board, if the staff has already been approved there should be no problem.

Norman E. Hutton, assistant dean of the OSU School of Veterinary Medicine, said that while no provisions have been made at the state level, the new animal hospital won't be ready for new staff members until 1981.

"By the time we put the hospital into operation, we hope they (at the state level) will have discussed and taken

care of our staff needs," he said.

He added that since new staff members would not be required until the next biennium (1981-1983), "we

assume they will have had time to plan for our new program."

OSU research grants which require hiring additional staff will be closely looked at by the

university, the Chancellor's office and possibly even the governor, according to Van Vliet.

Federal grant money goes into the university fund, and is

taxed by the state. Personnel paid with such money will be considered in as part of the state 1.6 percent limit, according to the OSU personnel services office.



Beaver Open House

Jean Powers, Lori Brennan and Bonnie Lanegan, (left to right), all seniors at St. Marys of the Valley in Beaverton get the scoop on the usual housing situation from David Stephen, asst. director of student housing, Saturday afternoon at the Beaver Open House. (Photo by Ross Anker)

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Opinion

Recruit engineers

Oregon State's School of Engineering faces a challenge. Fred Burgess, dean of the school, said recently that 25 percent of the engineering faculty will be leaving in the next decade. These openings come at a time when there are 2,000 unfilled engineering teaching jobs in the country.

What OSU and other engineering schools must confront now is the challenge of luring students into the graduate programs needed for a teaching background. The future of engineering education depends on the quality and number of engineers who are willing to teach.

Understandably, when faced with the choice of putting in several more rigorous years studying engineering or taking a job with a starting salary of as much as \$22,000, most students are going to take the job. Engineering schools are going to have to start combating the appeal of high salaries and secure company jobs by promoting the advantages of teaching.

Faculty positions at the university level do not offer the monetary advantages of industry work, but they do have some advantages. One of the biggest is the diversity of research projects in which professors can apply their skills.

Teaching duties restrict the amount of time a professor can spend on research, but independence from corporate interests gives the engineers more freedom to choose and direct their research programs. In a company job, on the other hand, engineers are often restricted to a narrower scope of engineering as it relates to the company's purposes.

Demand for engineers is still growing, leaving little hope that wages will drop to a level at which engineering educators can compete. Instead they will have to promote the flexibility and rewards of a career in academics.

A little well-timed recruiting now may save the School of Engineering from having empty offices in 1990. **MH**

Rick Swart, Editor
Bill Van Vleet, Business Manager

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SEE YOU TOMORROW.



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Fencing



Marketing fraternity

To the Editor:

There exists an exciting opportunity at Oregon State University for all students interested in the advancement of marketing, sales management and selling as a career and a profession. Pi Sigma Epsilon is the only Professional National Sales and Marketing Fraternity. We are not a social fraternity with housing facilities; rather, we are fraternal in the sense that we are striving for the same goal, which is to incorporate the concepts of a true marketing professional into an enthusiastic collegiate organization.

Many students are seeking involvement at a university other than attending classes. Let PSE supplement your college education. Our marketing activities provide leadership, self-esteem, and professional business contacts at a local as well as at a national level. Our projects include: the Fall Fruit Basket, orange desk blotters, mid-

night movies, regional and national conventions and many others.

PSE is the link between college students and the professional business community. Let PSE offer you the challenge to try something new.

For all those interested, I encourage you to attend our winter orientation meeting on Wednesday, Feb. 6, 1980 at 7 p.m. in Room 203 Memorial Union.

We are looking forward to seeing you!

Vance Godbey
Fr., Business Administration

Keep vigil

To The Editor:

On behalf of myself, it seems, I would like to extend my most profound appreciation to the government and people of Canada. It is under trying circumstances such as ours that one knows the value of a true friend and ally. Or does one? In other parts of the country the

reaction to the news of Canada's successful plot was ecstatic, especially compared to the reaction in Oregon.

Thousands of letters and telegrams of gratitude poured into the Canadian Embassy in Washington, D.C. Across the street, in Washington, a giant banner was draped from a building with the words "Thanks Canada". In Oregon...nothing. Here in Corvallis people seem to have forgotten about the 50 altogether!

If you now find yourself asking, "What does this guy think I can do about the hostage situation?" I have a suggestion. While I was home in Washington over vacation, there were a number of activities initiated that were designed to keep awareness of the crisis in Iran at a high level. One in particular, however, seems to really have caught on and is spreading all over the east coast.

The idea is to tie yellow ribbons around trees, bushes, car antennae or anything, as a reminder to us all that America is still held captive in

Iran. That's right, just like the Tony Orlando and Dawn song; "Tie a Yellow Ribbon 'Round the Old Oak Tree'".

In Washington whenever a member of one of the hostages' families hears the church bells that ring for the hostages at noon everyday or sees a yellow ribbon, they know that someone took the time to say that they care, that they haven't forgotten. When the hostages return they will be able to drive through the streets of D.C. and see tens of thousands of yellow symbols of the vigil we keep in our hearts.

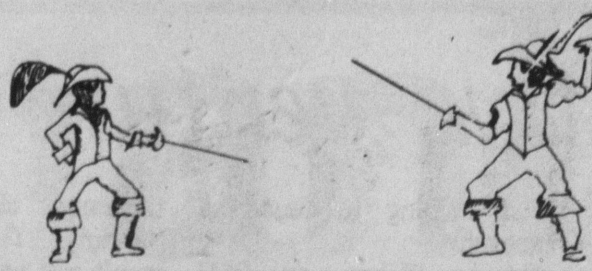
Are there any signs of such a vigil in Corvallis? Are we any less concerned for the 50 than the people back east? When the hostages do return will we be able to show them that we didn't forget? Let's get out some yellow ribbon around here and show Ghotbzadeh that we will never forget. Tie a yellow ribbon around a tree with the rest of America.

Wes Sawyer
Sr. Political Sci.

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Change lifestyles

To the Editor:

The present threat to U.S. oil company interests and our wasteful lifestyles has recently been twisted into an implication that our rights to life, liberty and the pursuit of happiness are what is at stake in the Middle East. The only threat to those rights, however, is right here in the U.S. The president's release of restrictions on the power the C.I.A. can use in the states and the mandatory registration for the draft are a serious threat to our privacy and human rights.

To kill for one's own freedom is one thing, but to kill for oil is absurd. There seems to be a lot of people who have forgotten the hard lessons we learned in Vietnam. That we cannot protect the whole world from aggression by sending our young people to kill and be killed. That the actions of our political leaders are not always in the best interests of the people or peace, but in the interests of big money.

America has the ingenuity, resources and appropriate technologies to not only survive without the Mideast oil but to come out better off and more independent in the

long run. This means, however, that we must be adaptive and willing to change our affluent lifestyles and values. Our economy is based on the exploitation of limited resources, with continuous growth, matched with material values that have caused the rape of our natural environment. By becoming less materialistic, more energy efficient, more conservation minded, more environmentally conscious and by stabilizing our growth I believe we can have a better life without having to fight wars for limited resources.

Jim Geiselman
Sr. Agricultural Engineering

Help one another

To the Editor:

In the two years that I've been at OSU I still find it to be the most conservative, Christian, fraternity-sorority oriented campus around. The only thing that really got students in an uproar was the Jesus rally, Koles World of Illusions, Greek Week and Homecoming. It really amazes me to see how many students could actually get involved if they wanted to!

It's time the students on

this campus open up their narrow minds to what is happening now! If we don't, who will? Can we keep walking past all these world events with illusions? Or are we just too glued to the books to be bothered about the American hostages, a possible war, the draft, Cambodian refugees, Soviet invasion in Afghanistan and OSU president Robert MacVicar? All this is happening now! We should all take some time out of our studies to get together as brother and sister and get involved for a change. I'm tired of seeing everyone ignoring these crises that are affecting you, pretending that we're in a separate world.

It seems to me if frats have time to trim trees with toilet paper and to throw snowballs at people and windows, they could surely find time to get involved! There's more to an education than sitting in a classroom all day taking notes; it's human relations, communication, determination and getting involved with world affairs. You would be surprised how much can be accomplished by the coming together of everyone and helping one another out.

Patricia Smith
Jr., Health & P.E. Major

Govt criticism

To the Editor:

This is in reply to Ed Hemmingson's editorial. It sounds like he is sold on the Communist system for solving crisis. And, can you believe it, he says the USA is guilty of "attempting to establish a military dictatorship" in Afghanistan.

I will say this for his system, you sure don't have to involve an investigation to see the Soviets "attempt".

Our system gives Mr. Hemmingson two freedoms not to be found in any of the communist countries if a long and healthy life are desired:

1. The freedom to criticize our government publicly.
2. The freedom to leave our country.

Mr. Hemmingson obviously would rather put the first freedom to use.

Ray Joyner
Corvallis, OR.

Cedars Hall

To the Editor:

The probability that the new chemistry building will be in use by next term (Spring '80) is very good.

Therefore, I would like to

offer a name for the new building: (Eleven) Cedars Hall.

Rick Slinkiewicz
Jr., Speech Comm.

Weak Leadership

To the Editor:

Why haven't President Carter and Premier Brezhnev got together and talked this thing out? Is it a case of weak leadership?

Is there no answer? Only a question to be asked?

Larry D. Simpson
Soph., Bus. Admin.

No on Exxon

To the Editor:

A line by Mr. Corbett and Mr. Brown (fencing Jan 30) grievously caught my eye: "If our ideals are not precious enough..." I would like to say something about ideals, precious human beings, and blind leaders and industries that will sell precious things.

A great number of Americans did die in wars previous, yes. However, only the people who performed remarkable feats under adversity gave their lives to America. The rest were taken. War takes, does not solve

problems or give. Technology dirties war, creates new technology, begets new technological wars.

My point is this: the oil lobby is a powerful organization. I feel that the blood of my sisters and brothers is much more than a dollar a gallon to maintain a society that squanders 40 percent of the world's resources. As long as "national interests," not defense are at stake, lots of people will send their offspring to die and contort for Exxon. Stop registration that makes war easier to use. Stop police-actions that rape cultures.

Write your leaders now! To use force to register 32 million young men and women is to create a police-state to defend corporate profit world-wide. 120 billion Vietnam-spent dollars could have researched food and energy needs and much more for a gulf-free future. To re-arm the CIA whose abuses were mostly domestic ones that were clearly illegal is to further enforce the police-state. I believe that the young will not get fooled again. Vote no on Exxon.

Michael Baxter
Jr., Theatre and Elec. Engr.

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Monday Feb. 4, 1980



view from the dome Feb. 4-10

m:

*Art Exhibit: "A Cast of Characters," by Shepard Levine, Fairbanks Gallery, to Feb. 29. *Can Seam Evaluation Short Course, Snell Forum, to Feb. 5. *Traffic Performance Characteristics on Forest Roads Seminar, Apperson, to Feb. 6. *Somos New Music, MU 105, 12:30 to 8 p.m. *Callahan Carnation Sale, Res. Hall Cafe, 5 p.m.

u:

*Sigma Xi Lecture: W. Wolfgang Nurnberg, Univ. of Bonn and Dr. Chemistry Institutes Kernforschungsanlage (Nuclear Research Center), Julich, West Germany, "Volta-metric Studies on Toxic Trace Metals and Other Chemicals in the Environment," Cordley 1109, 4 p.m. *Silver Show & Survey, Mortar Bld., MU 206, 9 a.m.-5 p.m. *TV interview practice (jobs), Bld 319, 8 a.m.-4:30 p.m. *Callahan Carnation Sale, Res. Hall Cafe, 5 p.m.

w:

*NW Roads and Streets Conf., Withy Aud., to Feb. 8. *Ala Art, stained glass mystery, 10 a.m.-3 p.m., MU Lounge. *Illustrated Lecture: David Brandt-Erichsen, OSU molecular genetics, "Human Colonies in Space," Wenger 149, 8:30 p.m. *Listen to your heart, MU 105, 8-8:30 p.m. *Concert/Dance, Ron Lloyd, MU Ballroom, 8-11:30 p.m., \$2.00. *Practice Job Interviews, Bld 319, 8 a.m.-4:30 p.m. *Callahan Carnation Sale, Res. Hall Cafe, 5 p.m. *Dad's Luncheon Tickets on sale, MU Ticket Window, Sponsored by OSU Student Foundation, 9:30 a.m.-1:30 p.m., Spaghetti & Men's Glee Club, \$4.

h:

*Music Ala Carte: Donna Eiseman, cello, MU Lounge, 12:30 p.m. *Speaker, Judith Kuipers, "Change and Challenge: Appropriate Technology and the Family," Snell Forum, noon. *Women's Basketball: Alaska/Anchorage, GC, 5:15 p.m. *Men's Basketball: Arizona State, GC, 7:30 p.m. *Speaker, Jack Craig, EWEB Commissioner, "Moral and Economic Bankruptcy of Nuclear Power," Snell Forum, 7 p.m. *Speaker, Arnold Flath, OSU health and PE, "Olympic Reform - The Search for International Cooperation and Competition," MU Council Room, 7:30 p.m. *Callahan Carnation Sale, Res. Hall Cafe, 5 p.m. *Dad's Luncheon Tickets on sale, MU Ticket Window, Sponsored by OSU Student Foundation, 9:30 a.m.-1:30 p.m., Spaghetti & Men's Glee Club, \$4. *Pick up packets for Dad's Weekend, New Student Services, All Day.

f:

*Dad's Weekend - "Weekends are for Dads" *Women's Swim Meet, Central Wash., Langton Pool, 6 p.m. *Hill Film: "The Big Sleep," (USA 1946), Wilk Aud., 7 p.m. *Sabrina, (USA, 1954), Wilk Aud., 9:30 p.m. *Women's Basketball: Alaska/Anchorage, GC, 7:30 p.m. *Brown Bag Lunch Theatre: "Who Cares," Snell Forum, 12:15 p.m. *Jazz, Richie Cole, saxophonist, Snell Forum, 7 & 10 p.m. *Entertainment in MU Lounge, 12-5 p.m. *Callahan Carnation Sale, Res. Hall Cafe, 5 p.m. *Dad's Luncheon Tickets on sale, MU ticket window, Sponsored by OSU Student Foundation, 9:30 a.m.-1:30 p.m., Spaghetti & Men's Glee Club, \$4. *Reception for Shepard Levine, Fairbanks Gallery, 7 to 9 p.m. *Dixon Recreation Center, 7:30 a.m.-12 p.m. *Open House, (see pamphlet), 1-4 p.m. *Registration for Dad's, 1-7 p.m., MU Concourse.

s:

*Wrestling: Washington, GC, noon. *Men's Basketball: Univ. of Arizona, GC, 3:30 p.m. (televised). *Women's Gymnastics, GC, 8 p.m. *Folkdance Festival, Women's Bldg., 11:6, 9 a.m.-4:30 p.m. *NROTC drill team and Drum & Bugle Corp, GC, 9:30 a.m. *Women's Swim meet: Univ. of Ore., Idaho, Aquatic Center, 7 p.m. *Dad's Luncheon, Sponsored by OSU Student Foundation, Spaghetti & Men's Glee Club, MU 109, 11-12 & 1:30-2:30 (2 luncheons). *Entertainment in MU Lounge, 11 a.m.-3 p.m. *Carnations for Dad's Day, MU 9 a.m.-12 p.m. *TV in Commons (Basketball Game) 2:30-6 p.m. *Casino, MU Lounge, 8 p.m. *Horse Races, 8 p.m., MU 105. *Starlight Ball, MU Ballroom, 8 p.m.-12 p.m. *Dance: McNary Cafe, 75', 8:30 p.m.-1 a.m. *Vietnamese New Year's Party, West Dining Hall, 7 p.m.-12:30 a.m., Free. *Dixon Recreation Center, 10 a.m.-10 p.m. *Dad's Pancake Breakfast, MU Ballroom, 8-10:30 a.m. *Registration for Dad's, 10 a.m.-1 p.m., MU Concourse. *Open House, (see pamphlet), 1-4 p.m.

s:

*Speaker: Ed Bliven, "Eastern Europe: Emerging From Moscow's Shadow?" Westminster House, 7 p.m. *Tri-Delt Pancake Breakfast, 340 NW 26th, 8 a.m.-12 p.m., donations only. *Dixon Recreation Center, 10 a.m.-10 p.m.

Cooperative venture results in cheese discovery

By MARTHA ELIASSEN
Barometer Writer

A cooperative venture between the School of Pharmacy and the Department of Microbiology has led to a discovery that may revolutionize the cheesemaking industry.

William Sandine, professor of microbiology, and James Ayres, professor of pharmacy, have developed a new way of culturing the bacteria that ferment milk into cheese.

Others who have contributed to the interdisciplinary project are Douglas Willrett, Michael Quinn, Jeffrey Feyerharm and H.P. Huang, who are students and research assistants in pharmacy and microbiology.

The bacteria produced in the new process are healthier, stronger and thus better able to convert the raw product into the finished product, said Sandine.

The idea was conceived in July, 1977. The need was perceived for healthier bacterial cells for industrial use, he said.

"It looked like a problem that could be solved by basic scientific research," said Ayres.

A disclosure statement was filed with the OSU research office and Galloway-West, a subsidiary of the Borden Company, was approached

about helping to fund the research.

George Weber, an OSU alumnus, is the Galloway-West representative involved with the project.

He was the liaison between the company and the university, said Sandine, and was instrumental in convincing Galloway-West to release research funds.

Through the OSU technology transfer program, Galloway West is licensed to use the OSU process to culture cheesemaking bacteria, said Sandine. They have been using the culture medium since Jan. 7 and the product is just now being put on the market, he said.

"The purpose of the technology transfer program is to bring into commerce the results of research of OSU staff members," explained Ralph Shay, associate dean of research.

"We cooperate with interested industry to produce a new product and market it," he said.

The university receives royalties on sales of the product. These are shared and put back into university research, said Shay.

A patent for the process was applied for in June, 1977, but hasn't gone through yet.

"The patent office is a busy place," said Sandine.

"This medium will save cheesemakers many

thousands of dollars," said Sandine. "The medium itself won't cost as much and there won't be as many low-grade vats of cheese."

The new medium keeps bacteria from committing suicide, said Ayres.

In typical fermentation, bacteria produce lactic acid as a waste product and this lowers the pH, often killing or inhibiting the bacteria cells, explained Willrett.

The new process keeps the bacteria from producing too

much lactic acid, he said, and because the environment is cleaner, fermentation that used to take five hours can be accomplished in three.

Some manufacturers don't want to speed the process up, but they can use less medium to do the work.

"It's more economic either way," Willrett said.

The medium is currently being used to manufacture cheddar, cottage, and Monterey Jack cheese, but will be used for other cheeses in the

near future, he said.

Willrett has been field-testing the medium at cheese plants throughout the Northwest.

Galloway-West is the only company currently licensed to use the medium commercially, "much to the competitors' chagrin," said Sandine.

Other companies have been trying to negotiate with OSU for licenses, but no decisions have been made yet.

Whether or not other

companies will be allowed to use the medium will depend upon Galloway-West's ability to meet market demand, said Sandine.

If they can't meet demand, they will be encouraged by OSU to sub-license the product, he added.

Sandine and Ayres stressed the success of the interdisciplinary nature of this project, describing it as a "happy marriage" between pharmacy and microbiology.

See related story on page 1

Robison seeks liason with city and school

By ROGER FISHER
Barometer Writer

The OSU City Affairs Office is determined to upgrade its existing programs, according to Ken Robison, newly appointed City Affairs Task Force director.

Robison, junior in science, took office on Jan. 23, after being appointed by ASOSU President Cindy Wilhite. He replaces John Ulrich, who had to vacate the position because he left school.

"Our main goal is to be a liaison between the city (Corvallis) and the school," said Robison. "We want to get students involved in the community."

Robison said there are three programs with immediate openings for students.

Coordinate Rides and Motorvehicles (CRAM) is a carpooling system run by the office. Robison said the program is designed to inform students, faculty and staff of who is living in one area and willing to share rides.

Lists of applicants are compiled and sent to other applicants. They then contact the people in their area to arrange carpool schedules. Application forms are

available in the City Affairs Office, MU East, for those interested in signing up for the program.

In addition, Robison said there are immediate needs for students willing to attend the meetings of two Corvallis committees, which help to keep OSU informed on decisions that may affect students.

"We need people for the Corvallis Bicycle Committee and the Corvallis Transit Committee," said Robison. "Primarily, we need people to attend meetings to find out what is being planned by Corvallis."

Robison also said because of recent re-zoning by the city, students will now be eligible to vie for seats on the Corvallis City Council.

"We'll be looking for students to file for city council," he said. He added that interested students should contact him at his office in the Student Activities Center for further details.

Robison said all of the activities offered by the City Affairs Office give students an excellent opportunity to get involved in their community.

"It's good experience with politics and the city," he said.

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CAMPUS INTERVIEWS

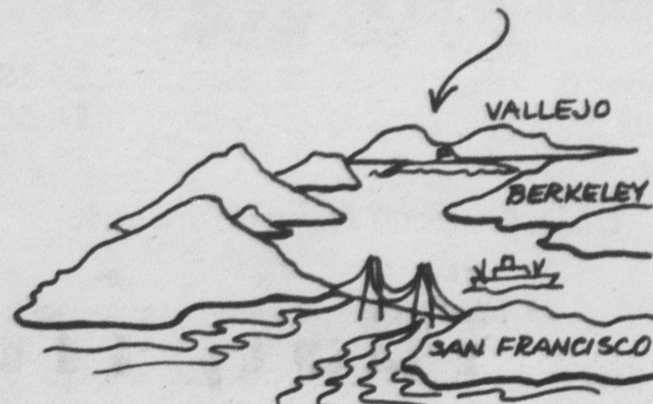
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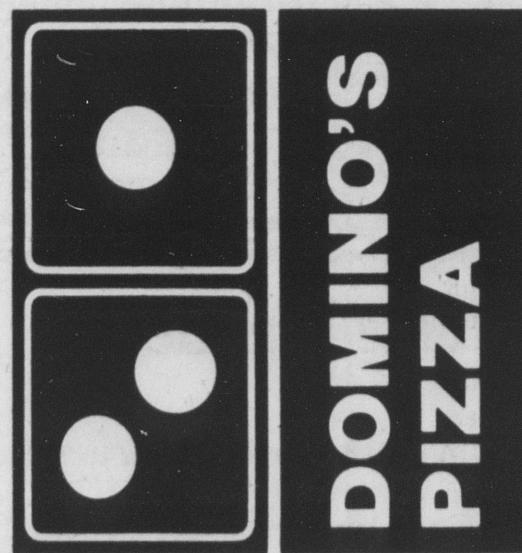
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With spirit

Belles support Beavers

By DONNA STEWART
For the Barometer

The crowd is roaring as the clock ticks down to the start of another OSU basketball game. The team leaves the locker room, runs through the big orange "O" and the game begins.

The people on the court holding the "O" are the

Beaver Belles, a group of 30 girls chosen for their involvement and effort to support OSU athletics.

The club takes a lot of time and dedication. Members are expected to attend 50 percent of all events in a week, according to Devri Duckett, president of Beaver Belles.

The time invested is well worth it, and the Belles

receive several fringe benefits. The group has a reserved section in Gill Coliseum for basketball games, so there is no waiting in long lines to see the games.

The group's primary responsibility is to promote OSU, according to Duckett. They have little brothers on some of the teams and serve at training tables and the president's box during football.

The Beaver Belles are quite involved with basketball and wrestling, Duckett added, but would like to do more during football.

"It's really fun to get out there. You feel like you're part of the action, especially during basketball, when enthusiasm is so high right now," she said.

OSU scientists seek new energy with wind

The search for new energy sources has scientists looking at some likely — and unlikely — places and possibilities.

Take the wind-swept, mostly-treeless Goodnoe Hills of southern Washington, for example. Or the Yachats-to-Florence area on the Oregon Coast.

The first will be the site for the first three U.S. Department of Energy 300-foot blade horizontal axis generators that will turn wind into electricity. The second is the area where a vertical axis or "eggbeater" type wind machine will be installed.

The Goodnoe Hills site was identified from work by

Oregon State University atmospheric scientists Robert W. Baker and John E. Wade. Their research on wind power prospecting during the 1970's has set the stage for wind power developments during the 1980's.

"The Goodnoe Hills site in the Columbia Gorge is undoubtedly one of the best in the nation," says Baker.

"The winds average about 16.5 miles per hour there and are especially strong and steady during the spring and summer. It's estimated that the winds can produce electricity two-thirds or more of the year," he noted.

Seminar studies textiles

"Update: Fibers-Fabrics-Fashions," a clothing and textiles seminar, will be held today in the Snell Hall Forum, 5:30 p.m. to 10:00 p.m.

Guest speakers include Bill Drummond, Pendleton Company; Elizabeth Von Buskirk, The Daisy Kingdom; Judy Lindahl, author of "Decorating with Fabrics"; Margaret Quinn, Stretch and Sew; and Sarann Stevens, Fashion Consultant.

Topics to be covered include

the textile market, creativity with fashions, energy-wise decorating and the wardrobe plan. New products and informational exhibits will also be on display.

The seminar is being presented by the Portland Home Economists in Business and the Oregon Home Economics Association. Registration is \$10.00 and includes information packets and refreshments.

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February 3 & 6 (7-8:30 p.m.), Peavy 68
February 13 & 20 (8-9:30 p.m.), Ed 305

Listening and notetaking, efficient textbook reading time management, concentration and memorization techniques, and strategies for taking both objective and essay tests are the major topics covered in this free seminar.

WRITING RESEARCH PAPERS

February 7 (7-9 p.m.)

This free, one-session, two-hour seminar will take you step-by-step through the entire process: brainstorming, narrowing the topic, outlining, library research methods, and developing footnotes and bibliographies.

RAPID READING

February 13, 20, 27
3:30-5:30 p.m., Cordley 1041

You will learn to skim for main ideas and scan for specific facts, to develop the ability to vary your reading rate according to your purpose and the complexity of the material, and to improve your comprehension and concentration — all for just \$39 (including a money-back guarantee that you will at least double your present reading speed).

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Home at last
Ray Blume waves to a crowd of Beaver fans who showed up to welcome the team home from their nine day road trip. The Beavers meet Arizona State in Gill Coliseum, Thursday night. (Photo by Tim Bernard)

KBVR-FM beckons worst song opinions

KBVR-FM, the OSU student radio station, announces the "Crummy Cuts" contest.

To enter, the entrant needs to send, on a postcard, their name, address, phone number and the 9.1 worst songs of the 1970s, including the recording artists' name. The .1 song is to be what the contestant feels is THE worst song of the decade. Also, in 25 words or less, they are to tell why the .1 song is the worst.

The winner will be announced on the air Monday, Feb. 25, during Carol

Richards' show. The winner will then be allowed to come up to the station Friday, Feb. 29, and, from 6:30 p.m. to 7:00 p.m. they will play their choices over the air. The winner will also receive 90.1 of the worst albums of the 70s.

Another winner will be chosen on the basis of the paragraph explaining their choice for the overall worst song of the decade. That winner will receive 9.1 of the worst albums of the 70s. Other prizes were being negotiated at press time.

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History Today

Today is Monday, Feb. 4, the 35th day of 1980 with 331 to follow.

The moon is moving toward its last quarter.

The morning stars are Mars, Jupiter and Saturn.

The evening stars are Mercury and Venus.

Those born on this date are under the sign of Aquarius.

Famed American trans-Atlantic flyer Charles A. Lindbergh was born Feb. 4, 1902. Actress Ida Lupino was

born on this date in 1918.

On this date in history:

In 1901, Maj. William Gorgas launched a U.S. Army campaign to wipe out yellow fever in Cuba.

In 1938, Adolf Hitler seized control of the German army and put Nazi officers in key posts as part of a plan which was to cause World War II.

In 1974, Patricia Hearst, 19-year-old daughter of San

Francisco publisher Randolph Hearst, was spirited away from her apartment in Berkeley, Calif., by urban guerrillas.

In 1977, 11 people were killed and nearly 200 injured when an elevated train jumped the

track and crashed into a street below in downtown Chicago.

A thought for the day: American author Mark Twain (Samuel Clemens) said, "Truth is the most valuable thing we have. Let us economize it."

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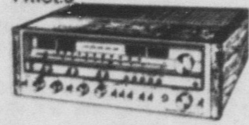
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Ag internships available

Juniors enrolled in the School of Agriculture, School of Business or other similar course of study with practical agricultural experience who are interested in a PCA-FLBA internship should go to room A100 of the Administrative Services Building today, sometime between 11 a.m. and noon. Representatives from

the Farm Credit Banks and PCAs-FLBAs will be there to discuss particulars of the internship program.

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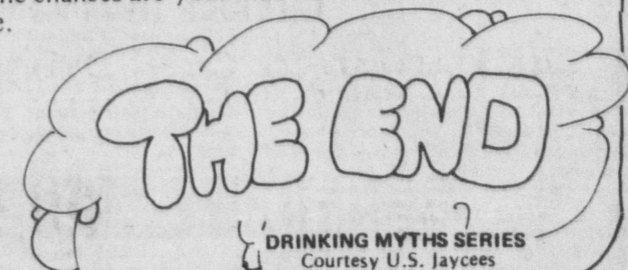
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And their families. And their friends, and their employers, and strangers on the highways. And you.

YOUR KIDS WILL LEARN WHAT YOU TELL THEM ABOUT DRINKING.
Ha ha. Your kids will learn what you show them about drinking. If you drink heavily; if you get drunk; the chances are your kids will follow the same example.



OSU Student Alcohol Education Committee—Office of Student Services

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Monday Feb. 4, 1980

Bauer, Swartz rebound

Beaver grapplers whip SOSOC

By TIM TROWER
Barometer Sports Writer

Vacation time seems to suit Mike Bauer just fine.

The 134-pounder for the Oregon State wrestling squad returned to the lineup Saturday afternoon following nearly a two-month layoff and sparked the Beavers to a 27-8 victory over Southern Oregon State College.

Bauer — who suffered a neck injury during the first week of December in the Lehigh Invitational Tournament — shrugged off any possible after-effects and demolished the Red Raiders' Arnie Coke, 18-4.

The win hiked the Beavers' dual meet record to 15-9 going into yesterday's encounter with Pacific 10 Conference

opponent Washington State.

The performance by Bauer, who finished eighth in the NCAA championships last year, left a flattering impression upon OSU Coach Dale Thomas.

"He did well," said Thomas, "but then, he always does well. He's probably the best wrestler we have as far as overall ability and quickness are concerned."

Bauer had been practicing for the 10 days prior to the match, but Thomas doesn't feel the junior grappler is at his peak.

"I wouldn't think so," said the coach. "He's a good competitor and a good worker, but if he is, we're wasting our time practicing everyday."

The bounce-back act that Bauer displayed was not

without company. Two matches later in the 150-pound bout, Brad Swartz of the Beavers got revenge on SOSOC's Doug Monroe, winning a 6-1 decision.

Monroe had beaten Swartz 10-1 in the Washington Invitational earlier in the year. Thus it's logical to assume that the OSU wrestler was more motivated.

Not necessarily, said Thomas.

"Swartz is progressively coming on," he said. "He wasn't more up for this particular match. He's changed the technique of how he wrestles."

"He's had the kind of character to recognize the things he's not doing right and make the proper changes."

In addition to Bauer and Swartz, OSU got wins from

Freddy Miles and Howard Harris which kept lengthy win streaks intact.

Miles (167) recorded his 20th consecutive win with a 9-4 defeat of Ron Harmon. It also pushed the defending Pac-10 champ Miles' record to 35-7-0 on the year.

Harris increased his seasonal mark to 32-0-0 with a 19-8 decision over Rich Holliman. Harris, who has 27 pins on the year and is ranked first in the nation, will meet Harold Smith of Kentucky in the East-West All-Star Wrestling Tournament tonight in Iowa City, Iowa. Smith is rated second in the country.

Oregon State also got decisions from Mark Hirota (126), John Ohly (158) and Mark Elbert (177) to pace Saturday's triumph.

Tatum admits book was hyped up

NEW YORK (UPI) — Jack Tatum, making his first public appearance since his controversial book "They Call Me Assassin" brought outrage from National Football League officials, has admitted that a lot of what was said in the book was "just hype" to increase sales.

The all-star safety of the Oakland Raiders, interviewed by David Hartman on ABC-TV's "Good Morning America," tried to downplay much of the tone of his book,

which had alienated NFL commissioner Pete Rozelle because of its violent theme.

In the book Tatum admitted he tried to hit opposing receivers so hard that their ears would ring and that he, and teammate George Atkinson, used to have contests to see which one could strike the most fear into opposing receivers.

"A lot of it was hype," Tatum told Hartman, "but a lot of it was basically true. I try to play as physically as I

can but I'm not going out there to deliberately hurt someone."

Tatum said his "contests" with Atkinson were more a way of getting each other psyched up before a game rather than any deliberate attempt to hurt a rival player.

"We weren't actually trying to knock people out," Tatum said, "We're just trying to psyche each other up in the locker room before the game so we can go out and play a better game. That happens in

the locker room a lot before games."

Tatum said he learned his aggressive style of football when he was very young but said he did not condone such teachings at the grade school level.

"It starts down at the Pop Warner level," said Tatum. "They teach you to be aggressive. They want to know 'can he hit? Will he hit? And how hard? You have to be a hard hitter to play good defense, but there's much too much emphasis on it on a lower level."

Tatum first achieved notoriety a few years ago when a jarring tackle he made on Darryl Stingley of New England in an exhibition game resulted in permanent paralysis for the Patriots' wide receiver.

BEAVERS (cont. from pg. 12)

of the game, but the Trojans cut the margin as the final score indicates.

Ray Blume, recovering from a rare a off night against UCLA, hit for 18 points, high for the Beavers. Steve Johnson scored 16 points and grabbed 10 rebounds.

Miller of USC had both high scoring honors and the top rebounding numbers, 20 and 11,

respectively.

The Beavers will now direct their attention to the Sun Devils, OSU's next opponent.

"Close To You" is appropriate for these two teams — they're dead even with 10-1 records.

Thursday night, Oregon State will hope to play that song again — on the same beat with USC.

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SUNDAY 3:00 5:00 7:00 9:00

He was a poor black sharecropper's son who never dreamed he was adopted.

STEVE MARTIN
The **JERK**

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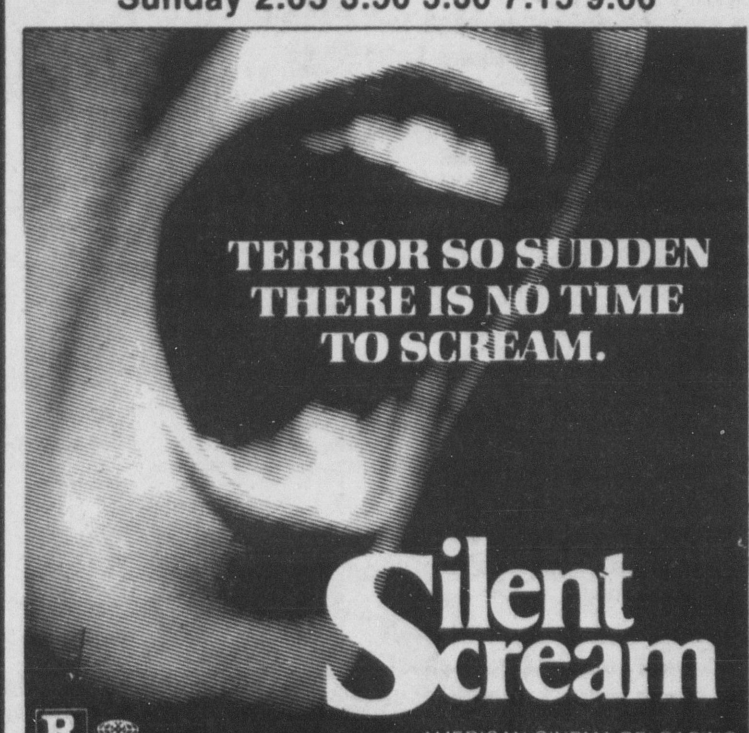


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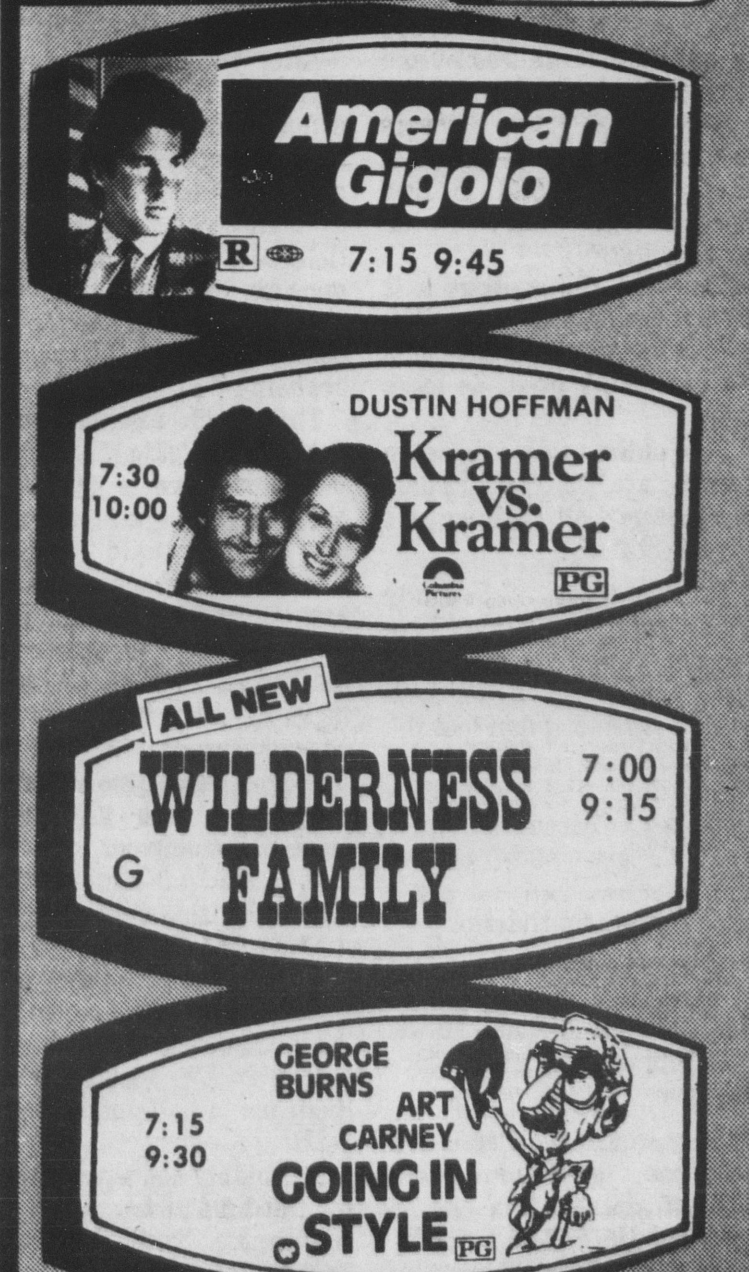
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7:15 9:30 **GOING IN STYLE**
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Sports

Survive questionable call

Beavers take USC in a close one, 73-72

By NICK DASCHEL
Barometer Sports Editor

LOS ANGELES — Oregon State's basketball rendition of the 70's hit song "Close To You" doesn't have anything to do with falling in love with someone.

The Beavers tried to stay as far away from Southern California as possible Saturday night at the Sports Arena, but the Trojans made it as close as they could, bowing 73-72 to OSU.

If Trojan guard Don Carfino would have drained his attempted 28-footer at the buzzer, 12 or so Beavers plus one hot coach would have been very "close to you," you being referee Jerry White.

USC rallied from a 72-64 deficit with 2:27 left, and had two chances to win the game.

Carfino hit a 15-footer to pull USC to within six, but Beaver Dwayne Allen connected on one of two free-throws with just over two minutes remaining.

During the next minute, Purvis Miller put in two buckets, one on a 20-footer from the corner, another on a tip in.

Allen then missed the front end of two one-and-ones, and Miller got another hoop with just 23 seconds remaining on a tip in.

Then came the call of the game, courtesy of White. Oregon State attempted a fastbreak, because Mark Radford had broke down the court and was open after Miller's tip. Radford got the ball, and seemingly had everyone beat. He went to the hoop, got the shot off over Trojan guard Jacque Hill, and the ball went in.

Basket, right? Hill moved with Radford and got in front of him when Radford let the shot go. "Offensive foul," shouted White. "No basket."

"That was a ridiculous call," moaned Radford afterwards. "He (Hill) was moving when I left my feet. I couldn't believe that call."

Also shaking his head was his coach, Ralph Miller.

"Mark was in the air long before that guy was set," Miller said. "It was an extremely bad call — but it wasn't the only one."

The win set up a conference showdown for first place between Arizona State and the Beavers Thursday night at Corvallis. Both the Sun Devils and Oregon State are tied for first with 10-1 records. The winner, obviously, will be in great shape.

Coming off a loss to UCLA made it almost mandatory for the Beavers to perform well

against USC. Things clicked for OSU, both offensively and defensively, but the Trojans were up to the challenge and nearly defeated the Beavers.

Oregon State shot 65 per cent from the field, far better than either the UCLA or Stanford performances. It limited USC to just a 43 per cent shooting night.

"We played well," said Miller. "But not as well as we can play. We looked good under adverse circumstances."

Those being, other than the fact Oregon State had been on the road for nine days, the officials and a hobbled Allen.

Allen, was forced to sit out much of the UCLA game with a sprained ankle, turned in a stellar performance against the Trojans. Although Jeff Stout started in place him, Allen played 28 minutes and passed off for six assists, tied for team-high honors with Tony Martin.

"He played much longer and much better than we expected," Miller said.

Even though Oregon State played one of its finer road games of the season, it could never shake the pesky Trojans. The biggest lead the Beavers got all night was 10, 64-54.

Earlier in the year, OSU had manhandled USC at the very start of the game, then held onto a 14-point win, 82-68 in Corvallis.

"I think the difference tonight was the home court advantage. This is much the same team we played against in Corvallis, but you could tell they were playing on their home court,"

Miller said. "I think USC was emotional, and played the game very well."

USC Coach Stan Morrison was very impressed with his team's play.

"We've played 19 games so far in this season," said Morrison, "and right now our coaching staff is proudest of the effort we made tonight. Our kids played hard for 40 minutes."

"It would have been awfully easy for us to roll over and quit after four straight losses and other adversity we've had (injury to starting guard Dean Jones)."

"We got eight or nine points down and didn't quit. We kept hammering at them, kept pounding at them. That second half may be our most significant of the season. I really believe that," Morrison said.

He said USC's strategy in the last 12 seconds was to get the ball inside to Miller, but "they guy knocked it out of Miller's hands."

"I thought we got off two darn good shots at the end, too. Donny's shot looked good to me and Barry Brooks' shot looked good, too," said Morrison. "But they didn't go in."

Most of the first half looked like a carbon copy of the second half. Oregon State got the lead, built it up to six, then saw the Trojan slice the lead to nothing at halftime, 33-33.

The Beavers began to execute on offense as soon as the final 20 minutes started. OSU ran some backdoors and hit open jump shots to put itself into a quick 48-41 lead.

Oregon State kept the lead for the remainder

(continued on page 11)

Home sweet home first, then biggie with ASU

By NICK DASCHEL
Barometer Sports Editor

LOS ANGELES — Ten days ago, Oregon State was 7-0 and riding atop the conference.

Now, those same Beavers are road weary and just plain tired. They're still in first place, at 10-1 — but tied with Arizona State.

The best thing about it is that the worst is over. OSU couldn't say that 10 days ago. No more Bay area, no more LA.

Five of the remaining seven games are in the friendly confines of Gill Coliseum for Oregon State.

Three and one. Just slightly under what the most optimistic Oregon Stater could have hoped for on the four-game road swing that took the Beavers to California, Stanford, UCLA and USC in eight days. Three and one is what Oregon State players and coaches had set as a realistic goal for the trip.

"I'm very happy to get out of here with three of four," said OSU Coach Ralph Miller. "Of course, we would have like four."

"Any win in the Pac-10 is a good one," said guard Mark Radford after the Beavers had defeated USC 73-72 Saturday night at the Sports Arena. "If

we split this one (the LA series), it's fine — I'm satisfied with it. We got back on the right track tonight."

After lying around in hotel rooms for 10 days and playing a few games in between, the team's consensus was "Let's go home!"

"Hell yes," said Rob Holbrook, responding to a question whether he was looking forward to going home. "I'm beat. I'm ready to get home."

The coach wouldn't mind getting home either.

"It'll be nice to get out of here and get home for a couple of days," said Miller. "Anytime you're on the road and out of your bed for nine days, playing four games in that time, and all of them meaning a lot, it's gonna tell on your team."

Oregon State also received good news after the game, from its standpoint, anyway, that Washington State had lost a 64-63 decision to Washington at Pullman. The loss was the Cougars third in the conference. Both ASU and OSU have one defeat. The loss also helped UCLA, because it put them just a half-game behind WSU.

It is highly conceivable that the third place team from the conference could grab a NCAA playoff berth.

"It didn't hurt us any," Miller said. "They (WSU) wanted anything but this to happen. Now if someone else will cooperate, it will make life easier for us."

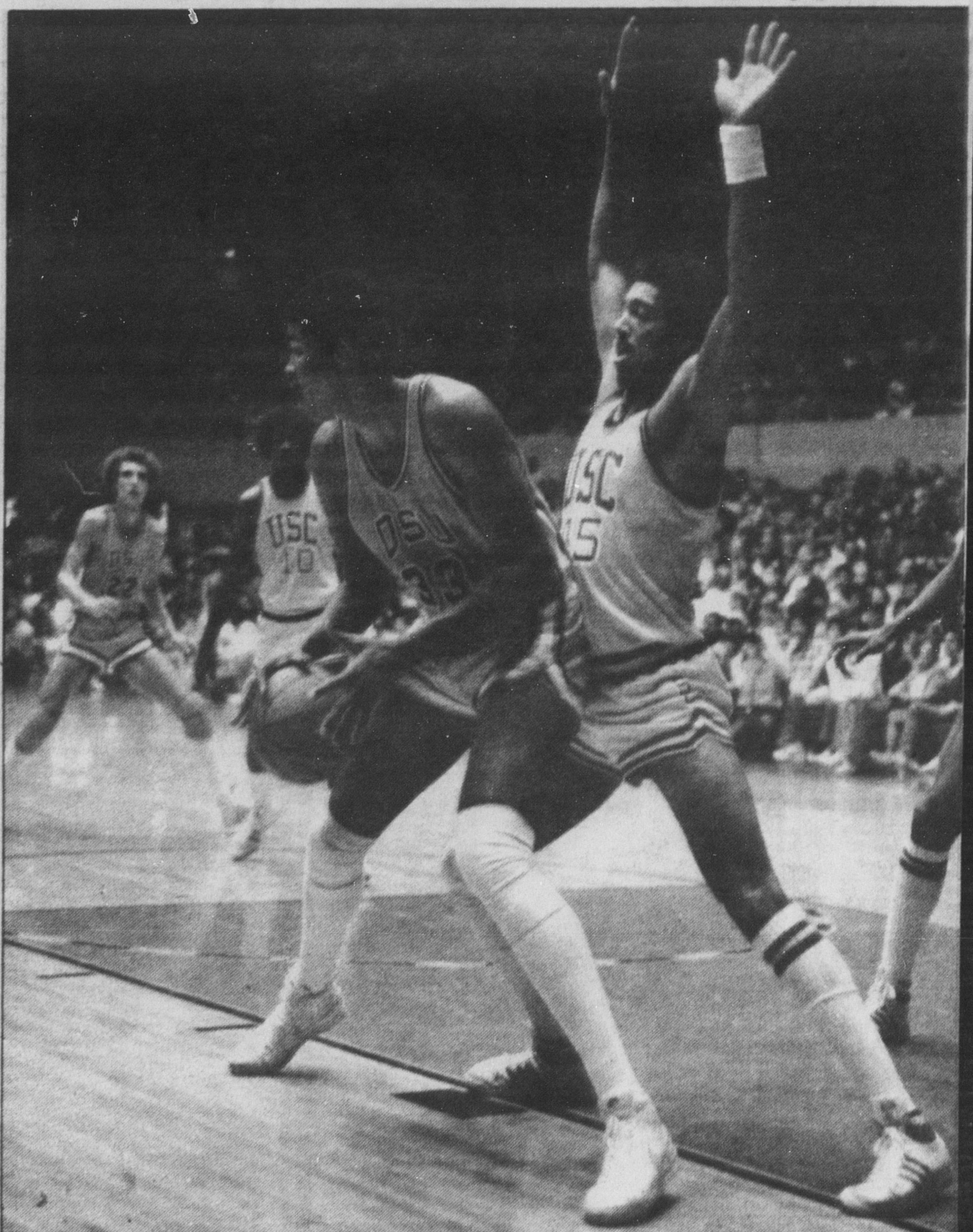
Holbrook said, "It kind of makes it a two-team race for us."

Saturday's win also gave Miller sort of a nice present — his first 20-win season at Oregon State. With seven games left, plus playoff games, 30 wins are within the Beavers' grasp.

USC fans saw a new face in the crowd, that being Ronnie Lott, a 6-foot-2 guard who was a starting defensive back for the Trojan football team. Lott drew the second loudest applause of the night, the loudest being the USC comeback.

Lott did a few things during his seven-minute stint. He hit one shot, missed two free-throws and dished off for two assists. One was possibly the nicest assist of the game, a pass from the top of the key to Purvis Miller alone underneath the hoop for an easy layup.

"No, we weren't surprised about Ronnie Lott at all," said Miller. "Both our football coaches and basketball staff had seen him in high school. We know what a tremendous athlete he is."



OSU center Steve Johnson moves in against Purvis Miller in action at USC Saturday night. The Beavers slipped by the Trojans 73-72. (Photo by Nick Daschel)

Monday Feb. 4, 1980