

DAILY NEXUS

Vol. 58, No. 88

University of California, Santa Barbara

Friday, February 24, 1978

Takes to the Air

See p.6

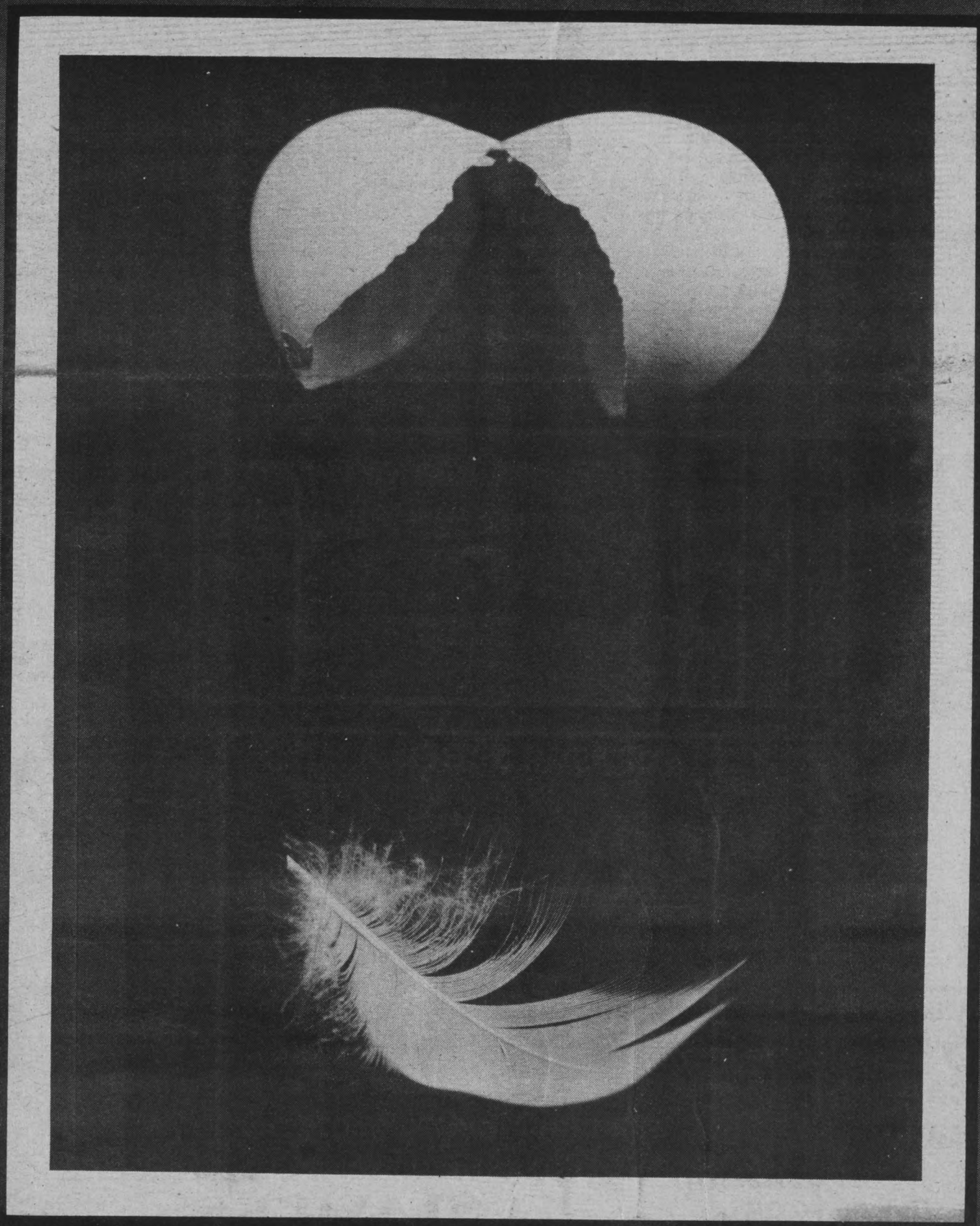


Photo by Eric Woodbury

By LESLIE BREGMAN

UCSB's Program Lounge, the largest meeting room in the UCen, will be closed to the public and used for storage and to accommodate operations during the construction period of UCen II.

"The Program Lounge walls will be knocked down and Maintenance, Bookstore, and building equipment will be stored there, with new meeting spaces built into UCen II," UCSB Campus Bookstore Manager Earl Wordlaw said. "Temporary arrangements are now being made to hold meetings in other places.

The Program Lounge is currently used for conferences, exhibits, lectures, dances, films, and overflow luncheon seating

Program Lounge to be Closed During UCen II Construction

from the cafeteria.

According to Assistant UCen Director Douglas Jensen, "People who made reservations to use the Program Lounge have made other arrangements for the events to be held in classrooms, the cafeteria, or other UCSB facilities. Things that would have to be cancelled, such as dances, have not been planned because the school knew the change was coming."

Financial aid payout, formerly held in the Program Lounge, will

now be handled on the second floor of the UCen in the meeting rooms. "We (the UCen) will do everything we can to keep the cafeteria, Post Office, cashiering, information desk, meeting rooms, and Bookstore operating normally during construction," Jensen added.

Construction started on February 20th and the first inside demolition will begin on March 13th. "We will have the first floor of the UCen hopefully remodeled by summer, the second floor by

next fall, and construction completed by summer 1979," Jensen said.

The UCen II project consists of two main operations. The pavilion area will be an expansion of the present UCen over its patio area, and the old part of the building will be remodeled.

The new pavilion section will include a pub, a flat-floor auditorium, which is a combination of a theater and a program lounge, and various other lounge areas.

In remodeling the present UCen, many changes will be made. On the first floor, the Post Office, Accounting Office, and Cashier will be moved in from the third floor and the Bookstore will be extended to include used books, a larger general book section, and more general merchandise. The Textbook Office will be moved in and the textbook section will be put near the receiving area. The loading dock will also be expanded. "We hope to make the organization of the Bookstore more functional and more attractive," Jensen said.

Expansion of the Bookstore will extend into the Program Lounge space and part of the Unusual Room, with a stairway linking it to the upstairs portion. There will no longer be an Unusual Room, but the services it provides will be dispersed throughout the building.

When the third floor of the UCen is remodeled, it will be devoted entirely to student activities, holding the A.S. Program Offices, Student Life, and other student organization offices. "There is not as much room as we (the Administration) would have liked to have seen for meeting spaces and food services in UCen II, but there is more room for student activities," Jensen said.

Failing Co-op Creates Committee to Solve Problem of Escalating Losses

By KIM KAVANAGH

In an attempt to find out why their food coop is failing members of the I.V. Fud Coop established an investigative committee last Wednesday night at a special meeting called by four of the Board of Directors.

Emotion was high in the packed auditorium, where eight members-at-large, three staff and three board members were selected to inquire into the inside activities of the co-op. They are required to report back their findings and recommendations in three weeks at the next general membership meeting on March 15.

The members-at-large selected were Richard Moore, Wing Bamboo, Dennis Kearns, Bud Burns, Frank Thompson, Stan Hoffperson, Carol Klein, and Fred Breinger. Only positions were named as to who would act

as representatives for the Board and Staff. These include the bookkeeper from the staff, Ken Krueger, and the board president, Ann Steinhauer, secretary, Linda Strickler and the treasurer of the Board, Steve Schanck. Their first meeting will be Sunday night at 7 p.m.

The original agenda called for four members of the Board, and two members from both the staff and the general membership. However, there was stiff opposition as to who would comprise the investigative committee and a motion was passed changing the structure.

The third section of the agenda which called for the elimination of all munching and tabs for interim, the laying off of all the staff, the Board of Directors' resignation, and the selection of people to replace them, was tabled until the next meeting on

March 15. The general feeling from the members was that an investigation should be made before any drastic changes are made within the co-op.

Throughout the meeting flares of tension were thrown about, primarily between the members (and the staff) and the Board. Allegations that too much overtime was being paid out and food was being eaten without being paid for came up more than once. And the statement by Board members: "We're not out to get the staff," was also repeated several times.

Board Secretary Strickler summed it up. "In order to function as a cooperative we have to cooperate. It's not against the staff, we're not whipping them."

An additional motion was made towards the end of the four-hour meeting that now makes it illegal

for any "munching" (eating) in the food co-op. Before people were allowed to eat at will during their shopping excursions, and then pay for it later. But this has been criticized as a major reason for large losses in the store, because members fail to pay adequately for what they consume.

Willing Death from Aneurism

The coroner's office has determined that UCSB freshman Diane Willing suffered from a congenital heart defect which was the cause of her death Sunday.

According to the coroner, Willing had an "aneurism of the aorta," a weak spot in the wall of the aorta at the base of the heart, which ruptured, causing the collapse of her heart.

"The aneurism itself could only have existed for a few weeks, a month or two at most. However, the potential has always existed." He indicated that any slight strain, a cough, a slap on the back, could have caused the rupture, and said that it eventually would have ruptured on its own due to pressure buildup.

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Second Class Postage paid at Santa Barbara, CA. and additional mailing offices. Post Office Publication No. 775-300.

Mail subscription price: \$12.50 per year or \$5 per quarter, payable to the Daily Nexus, Thomas M. Storke Student Communications Building, P.O. Box 13402, UCSB, Santa Barbara, CA. 93107.

Editorial offices: 1035 Storke Bldg., Phone 961-2691.
Advertising offices: 1053 Storke Bldg., Phone 961-3828. Gayle Kerr, Advertising Manager. Representatives for national advertising N.E.A.S., and C.A.S.S.

Printed by the Goleta Today.

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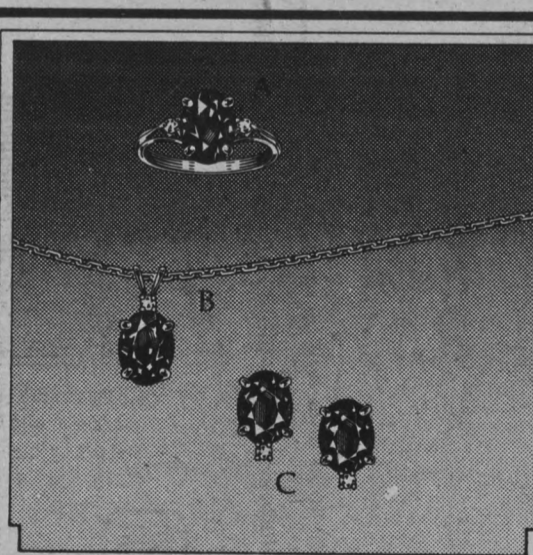
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Planning Commission Hears Discussion On Two Potential LNG Sites in County

By WILLIAM KREBS
Five hours of testimony Wednesday outlined the plans for a Southern California LNG terminal before the Santa Barbara County Planning Commission Wednesday. The Coastal Commission is currently considering

potential LNG sites at Point Concepcion and Las Flores Canyon.

The hearing was the first public hearing by the Planning Commission on the LNG Terminal. The Commission has until May 9 to submit its recommendations on

LNG to the Board of Supervisors. In turn, the Board has until May 15 to recommend terms and conditions on the LNG siting to the State Coastal Commission.

Representatives from Western LNG associates described the nature of the LNG facilities to be

built. William Brown, Construction Supervisor for Western LNG, noted the safety features incorporated into the LNG ships and tanks. These are to include double containers, insulation, fire detection sensors, and shock absorbing elbows. Brown also noted that the trestle for the terminal has been designed to withstand 40 ft. waves, which are supposed to occur once per century.

Brown discussed the features of the tanks and vaporizer. The tanks will be double tanked, and anchored to prevent shifting in case of earthquake. In the vaporizer, fins will separate the seawater from the liquid gas. At all times, the liquid and gas will be pressurized to prevent air leakage into the system.

Under questioning, Brown noted that the vaporizer would lower the temperature of seawater taken into it by 12 degrees Fahrenheit. This water

will be released into the sea 60 feet below the surface. The size of the area in which this will affect the sea environment is still unknown.

Later in the hearing, Brown discussed the general construction plans for the facility. The project is expected to take three years and at its peak the project will require 1,600 workers, who will be hired from Santa Barbara, Santa Maria, Ventura, and Los Angeles. Construction materials will be brought in by train. Special power lines and wells will be constructed to supply utilities to the site.

Staff questions focused on the adequacy of the proposed facilities. Paul Wack, Vice-Chair of the County LNG Task Force, asked about the provisions for transporting workers to the construction site. Brown replied that Western LNG was considering improving the Hollister Ranch Road for 25-39 mph traffic. Questions were also raised about power line location, chlorination of seawater used in the vaporizers, and the amount of information about swell patterns in Cojo Bay.

Paper's Funds Cause Stir

By RICH PERLOFF
Representatives of the Common Ground newspaper appeared before A.S. Legislative Council Wednesday night, in an attempt to insure the fairness of their A.S. budget hearing, and to lessen, if possible, the impact of a controversial letter sent from Press Council to Finance Board.

Dave Raymond, acting as spokesman for the Common Ground, reiterated that Common Ground's budget for the upcoming fiscal year had been approved and submitted by A.S. Press Council before the funding application deadline of February 2.

On February 15, however, Press Council sent a letter to Finance Board asking that the Common Ground's funds be employed elsewhere. Among the reasons given for this change of attitude by Press Council was Common Ground's tenuous financial situation.

Common Ground's contention, which was never really contested by Leg Council, was that the letter of February 15 had "no legal validity," and should have nothing to do with the budgeting procedure. In a prepared written document which was distributed to all Leg Council members before the meeting, Common Ground asked that Leg Council take action concerning the letter.

First, Common Ground asked that Leg Council "guarantee"

that the letter have no bearing on the budgetary sessions. This motion elicited a great deal of heated discussion, much of it revolving around Leg Council's confusion as to whether or not they had the power to ensure any such thing.

Internal President Jeff Loeb, in response to Raymond, said, "Apparently they've (Press Council) reamed you, and there's nothing we can do." Still arguing Leg Council's inability to take any positive action, Loeb suggested that Common Ground ask Press Council to withdraw the letter, to which Raymond replied, "We don't have the power to ask them anything. They control us."

As patience began to wear thin on both sides of the debate, Leg Council Representative Elliott Warsaw proposed that Leg Council draft a letter advising Finance Board "to consider only budget requests made in conjunction with A.S. codes and policies." This motion seemed to satisfy everyone, as the letter of the 15th would thereby be excluded from consideration.

Leg Council also adopted a proposal to limit Common Ground's spending as follows: currently, the Common Ground receives \$13,300, \$7,000 of which is in the form of an A.S. underwrite. Leg Council's proposal ensured that the underwrite monies could not be touched until such time as the Common Ground can show

advertising revenue in the same amount as their expenditure.

In preparation for upcoming A.S. elections, new Elections chair Betsy Palmer proposed a motion that would require all candidates to attend a special workshop before the election, which would instruct them as to the workings of A.S., and would appraise them of proper campaign procedures. Palmer's resolution, as written, would impose a \$2 fine on any candidate who failed to appear.

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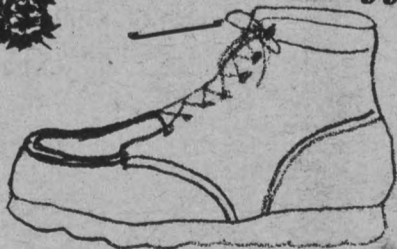
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Budgeting Disorder

Throughout the controversy over Common Ground's 1978-79 budget, one thing has been clear: nobody seems to understand exactly what is going on.

While the largest measure of confusion was probably ladled out at Wednesday's Leg Council meeting, the problem can be traced to the way Press Council has handled the matter from the start.

On January 31st *Common Ground* presented their budget to Press Council, and it was approved. At their next meeting, Press Council chose to reconsider their decision of the previous week. It was decided, however, that *Common Ground* should be represented at this meeting, so they postponed their discussion of this matter until the following week. Even if they had made a decision at this time, it would have been too late to submit it to Finance Board as part of the Budget package.

As it was, the decision to revoke their support of the group presently in control of the *Common Ground* newspaper was made on February 14th, more than a week after the deadline established by Finance Board. Unfortunately for Press Council they chose to attempt an official submission anyway.

The letter they sent to Finance Board was completely invalid due to its nature. It can not be considered by Finance Board in the form of an official recommendation. *Common Ground* thought that it might be considered, so they went to Leg Council to request that the letter be declared unacceptable as official budgetary input.

It was nice of Leg Council to so clearly state this in their letter to Finance Board. Essentially they told the budget coordinating body that they should only consider input that was submitted according to the A.S. Legal Code. There is no mention of the Press Council letter in the memo sent to Finance Board, so if they expected to do some good with their note they missed their chance.

They also voted to request Press Council to withdraw their letter. Even if they do withdraw the letter, though, they still have the opportunity to present their opinion to Finance Board during the open hearing on the matter.

Press Council handled the situation very poorly. They should not have approved a budget they didn't really want to, and when they changed their mind officially they should have implemented this decision in a more acceptable manner. The lack of sensible action exhibited by Leg Council is overshadowed by the misjudgement demonstrated by Press Council in their handling of the entire *Common Ground* budget affair.

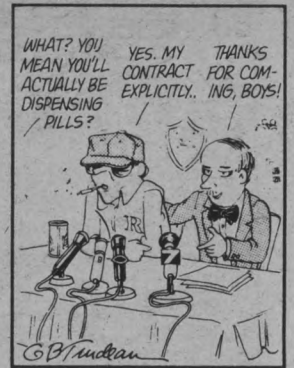
Council Function Upset

There are procedural problems involved with almost any meeting, but at Wednesday's Leg Council gathering the problems went far beyond ordinary.

Leg Council is supposed to operate under the guidelines laid down by *Roberts Rules of Order, Revised*. According to this handbook of parliamentary procedure a "Point of Order" motion must be recognized. Twice during their most recent meeting the chair failed to adhere to this rule. This rule is designed to help a meeting run efficiently; failure to realize this destroys the meeting's effectiveness.

If Leg Council wants to operate efficiently, fairly and without undue procedural hassles they should operate according to the rules they have selected. Continued breakdowns of the parliamentary machine will lead to its eventual demise.

DOONESBURY



by Garry Trudeau

DAILY NEXUS

Opinion

THURSDAY, FEBRUARY 23, 1978

PAGE 4

letters

Construction Plagues Campus

Editor, Daily Nexus:

It was with great relief and surprise that I saw that the hemming walls separating the library and the Arbor had been taken down. I felt relief because it signified the end of the construction of the library addition. The inconvenience of the thundering drills and hammers, screeching cranes and lifts, construction crews, and general loss of aesthetic appeal was over. I was surprised, too, because instead of a wide spacious lawn where students could sit down and enjoy the soothing Santa Barbara sunshine, a concrete jungle had appeared. Poor helpless seedlings were planted in the midst of this asphalt sea, left to their struggle of trying to get an adequate amount of air and water to their paved-over roots.

But the University has not ended its onslaught of construction on campus — the restricting fences were only transferred to the central point of campus activity — the UCen. Now again, students at UCSB must suffer through construction headaches for so-called "benefits" which most students do not really care for or will not be around to enjoy. And what are these benefits? A theatre? A pub? An extension of the UCen bookstore? Are these additions really needed? If they are, are they, along with the Campus Events Facility, worth the increased enrollment which they will promote?

Many people enjoy the smaller sized campus here at Santa Barbara. The biking, the open fields and view to the ocean, the restricted use of cars, and the lagoon area all contribute to the unique atmosphere. If we wanted a larger, more extensive and "growing" campus, we could go to UCLA, where a mad maze of automobile exhaust, hot asphalt, and crowded parking lots makes campus life unbearable.

What exactly is the university's reasoning behind erecting these new buildings? It could not be student demand for these institutions because a real interest was never demonstrated. It was not to decrease enrollment, which our new chancellor had expressed as one of the alternatives to the

housing problem in Isla Vista. In fact, his solution was to build more buildings on campus, including a new dorm. Is this a realistic and practical solution to our housing problem?

Any benefits which UCen II and the Campus Events Facility will provide to the students of tomorrow should have been sacrificed unless a real need and demand was shown by the students. After all, these facilities are constructed for the students, with the students' money. The buildings are going up; more, I'm sure, will be planned in the near future. Unless student apathy can be overridden, UCSB is in danger of becoming denuded of its natural beauty.

Paul English

About 'Layman English'

Editor, Daily Nexus:

In reading Joey Kasof's February 17th letter on Norm Baldwin's attack on Subject A, I have deemed it necessary to expose Mr. Kasof to reality. The content of his letter was seemingly aimed at Mr. Baldwin's misuse of grammar. An article directed at correcting the grammar of an editorial has no place in a newspaper. Obviously, the editors of the Nexus could understand Mr. Baldwin's letter.

One measure of intelligence is the ability to uncomplicate something that is confusing. Mr. Kasof is limited to comprehending only precise English, whereas the rest of our literate society can understand both perfect English and layman English. Should we condemn the expressions of those people with slight and sometimes unnoticeable writing deficiencies? Maybe we should ban literature and solve Mr. Kasof's problem of being repulsed by layman English.

Hopefully, Joe Kasof will get in touch with reality and not be (as he would so imptely put it) "frightened" by writers such as Norm Baldwin.

John Kengeter

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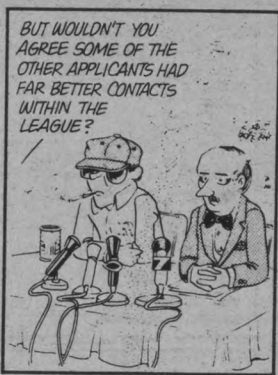
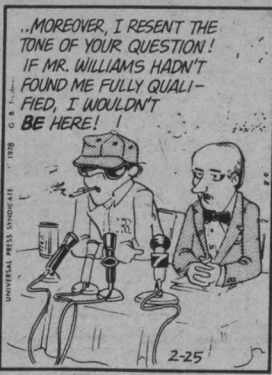
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DOONESBURY



by Garry Trudeau

HERMAN



More Than Just A Nice Thing

Editor, Daily Nexus:

I'm writing to tell people about something I learned the other day. On February 16 I went to a meeting of the United Jewish Welfare Fund, and I was very impressed by what I saw. The fifteen or so of us who attended found out that the money collected by the UJWF is used both here and in Israel.

Half of the money we make is going to social services in Southern California. Some of these services include family counseling, job training and placement, meals on wheels for shut-ins, and camps for kids in the Malibu mountains. There is an interest free loan service that enables someone to start a business, pay bills or pay for schooling. The other half of the money goes to Israel for social services, such as job training and

placement, teaching Hebrew to recent immigrants, and finding places for people to live. Right now, our local UJWF is putting on a campaign to raise money; our goal is two thousand dollars for this campus.

The UJWF gave me some literature on the campaign, and one pamphlet in particular gave the reason that charity is such an essential part of Jewish life. The reason is Tsedakah, which means philanthropy, or justice. There are two main points to understand if one is to realize the full impact and meaning of Tsedakah. The first is the feeling on the part of the Jews that material objects belong not to the people but to God. Second, there is the idea that the disadvantaged are wards of God and it's the responsibility of the community to take care of them. This is illustrated in the celebration that takes place every Passover, the retelling of the Jews being led out of bondage in Egypt. Over the years this has given the Jews a sensitivity to those at a disadvantage. The Bible also is concerned with the care of widows, orphans and the needy. Because of these concerns,

ways to help the disadvantaged were devised.

In the post-biblical period, many charities began to develop. One of these was the community chest, to which people donated on a regular basis. Taxes were collected regularly, with some of the money going to the host government, and the rest to the Jewish community. This money was used to help those who were unable to work, to pay ransom in cases of kidnapping, to pay for damage caused by the pogroms. Today, it is still a Mitzva, a good deed, to carry out Tsedakah. The tradition holds firm now, and there is an even greater need for it now because there are Jews all over the world who may need assistance.

The concept of Tsedakah explains why, at least to me, it is necessary to help people all over the world; and not just "a nice thing." It makes it a little easier to understand why all these charities exist, and what they're doing. Personally, I think it's a good idea, but a lot of people just don't know about it. That's why I wrote this letter.

Sherry R. Studley

Write A Letter

The Nexus welcomes letters from its readers. If you wish to comment on any matter of interest, write a letter-to-the-editor and bring it to the editorial offices of the Nexus beneath Storke Tower. Please type your letters using a 55-space line, and use non-erasable paper. All letters are subject to condensation.

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Write To An Inmate

Editor, Daily Nexus:

May this find you well.

I ask you now to excuse my abrupt intrusion upon your solitude. But . . . hopefully, you can come to understand what has driven me into your life as you read the duration of this letter, an urgent plea, in asking you to kindly find it within your heart and mind to print it in your newspaper.

Sir; and fellow human-beings, my life, mind, and soul are filled with despair, and the anxiety of loneliness. For I'm without friends, or loved ones. And also, I am presently an inmate of Death Row. And by no manner of brief words can I begin to express the intensiveness of the pain, sorrow, and disillusionment I

suffer. But may God enable you to try and understand, and not cause you to sit in judgement, or turn your back upon my outcry for a friend in my Life!

My name is:

Mr. Ricky Jackson
Number 144-061
Post Office Box 45699
Lucasville, Ohio 45699

Once again I say, none better than I, know how hard it is to visualize another's sufferings. And reach out and clasp him, or her unto your heart, and life. But I plea to you people of the world, please try!

And for any consideration that you can show me, I will be eternally grateful.

Thank you for your time.

Ricky Jackson

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Joel Peters, *The Sun-Birds*

By MITCHELL POWERS

Within the vast stretch of time from present to earlier days when the first gases settled and primitive organisms arose, man's existence has been but brief. So Nature's diary of fossils and 'living vestiges' has granted men a 'lucky chance' to study those evolving organisms preceding and currently surrounding him. And such records sketch the ancestry and evolution of birds from their reptilian beginnings.

Out of the slimy primordial mass crawled the reptile. Long

scaly, slithering beings which eventually metamorphosed into winged organisms as reptilian scales turned to feather, and the process towards a warm-blooded creature unfolded. Then some 150 million years ago a flying reptile became fossilized. This fossil, analyzed by modern paleon-

subphylum vertebrata of the phylum Chordata.

Winging around the entire globe, bird distribution is a phenomenon. They are everywhere with a few exceptions. The Antarctic continent might be excluded from most birds' shopping list on where to

paramount in deciding individual bird "life azones." The fact that marine life flourishes better in cool waters is responsible for the many seabird inhabitants on islands near Alaska. And the type and "nature of vegetation" is also contributing factor to bird locales. In North America the different bird zones are named Hudsonian, Canadian and Sonoran.

As the life zones fluctuate from larger to narrower so too do bird sizes. From the smallest specimen, the gee humminbird of Cuba weighing in at one tenth ounce at a strapping 2½ inches tall to the 8 foot, 300 pound Ostrich we find quite a variety. Inbetween these two record setters are countless other birds which many are important to man.

The wild birds and their eggs have for centuries provided nourishment for hungry stomachs. And as our precursors switched from hunter to agrarian modes of life, they domesticated chickens, ducks, geese, pigeons, turkeys and other birds for a veritable bevy of foodstuffs and games. We hunt them, our blood brother Indians made feather decorations and we find the canary makes an excellent pet.

Bird and man, though, were soon to clash in conflict. With the rise of agriculture, grain and fruit loving bird species beaked away at farmer's produce. Blackbirds proved quite capable of attacking grainfields.

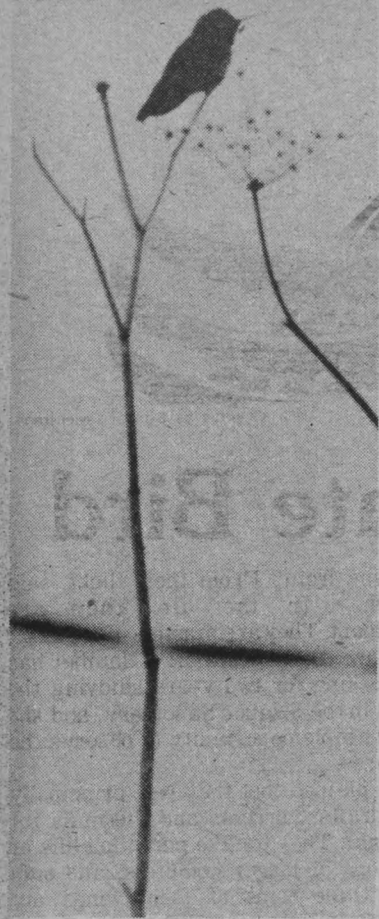
While birds have left their pecking mark on man the reverse has been a more consequential affair. Since 1680, 80 species have fallen to extinction and many are currently facing an endangered life contract. Hunting, pollution and pesticides have pepped up the bird decline for the peregrine falcon, osprey and brown pelican. But, the most effective bird killer seems to be the destruction of natural areas and the introduction of exotic animals and diseases.

Protection has been long in the coming. In the U.S. early history reads no help for birds. The dawn of such protection was probably not until 1817 when in Massachusetts, closed seasons on the hunting of some birds were established. But, towards the end of the century women seemed to have a passion for decorating their hats with feathers.

To check this, societies for the protection of birds sprang up in Britain, the European continent and in the United States (Audubon Societies). Feather hats were frowned on, and the killing of game birds was limited to seasons. But from state to state shooting seasons varied which ultimately took its toll on the wildlife.

Combatting this, Congress handled the controls with the McLean Law of 1913 and later utilized the Bureau of Biological Survey (today the U.S. Fish and Wildlife Service) "in the Department of the Interior." The result was wildlife refuges and bird sanctuaries.

Further positive steps came with cooperation between the U.S. and Britain. The 1916 treaty (Please turn to p. 16, col. 1)



"While birds have left their pecking mark on man, the reverse has been a more consequential affair. Since 1680, 80 species have fallen to extinction and many are currently facing an endangered life contract. Hunting, pollution and pesticides have pepped up the bird decline for the peregrine falcon, osprey, and brown pelican.

tologists, became known as Archaeopteryx lithographica the earliest known fossil bird. A chicken sized animal weighing about two hundred grams, Archaeopteryx habituated trees. And its anatomy combined reptilian and bird characteristics. The skull, small eyes and teeth represented the reptilian ancestry while the feathers, shoulder girdle, pelvis and legs foretold of things to come.

Evolution had its way and 70 million years ago birds completed the major stages of their everywhere with a few ex-make up the class Aves in the

set up house because of its barrenness. However, the snowy petrel challenges the unusual conditions with its adaptability.

The Great Deserts also lack an abundant supply of feathery creatures, but again some have found their niche even here. In general, birds tend to congregate mostly in warm, moist climates because of the availability of food and coverage. And those nesting in northern regions often migrate south for the winter. Summers are spent back up north and then one might find as many birds as in the tropics.

Environmental conditions are

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Graphic by Barbara Mehlman

California Condor: Large but Delicate Bird

By ROGER KEELING

Mention the California condor, and likely the image of heroic, noble rulers of the sky will come to mind. The sight of an indomitable spirit, swooping down on well-tracked prey, will be conjured up.

Such images, however, suffer from some major inaccuracies. The in-

Roger Keeling is Editor Emeritus of the Condor Call, the local monthly newspaper of the Sierra Club.

domitable condor is actually a type of vulture, living completely off of carrion. And although they are the largest flying birds in North America, they have proven very delicate — sensitive to pressures on their habitat, and very unadaptable to a changing environment.

During the Pleistocene Era, some 50,000 years ago, the California condor was found across the southern portion of the United States and northern Mexico. Additionally, the birds were found up the Pacific coast into Canada.

Early western explorers repeatedly

mentioned the condors, with sightings noted by the Portola, Viscaino and Lewis and Clarke expeditions. In the early 1800's, Father Geronimo Boscana of Mission Capistrano wrote an account of an Indian ceremony involving the condor.

Extinction was assumed by the early 20th century as sightings dropped to zero. Later in the century, new sightings were made, and in 1937 the federal government set aside the Sisquoc Sanctuary as a known roosting area. In 1947, the Sespe Sanctuary was created, although it was originally called a wildlife preserve in order not to attract undue attention to the condors.

Today there are an estimated 40 birds remaining, most living in two sanctuaries in the Santa Barbara-Ventura back-country. They have become the subject of no small scientific and humanitarian interest, and are the center of a lively, sometimes heated, debate concerning how to best assure their survival.

The average California condor weighs in between 18 and 25 pounds, and has a

wingspan of 9 to 9.5 feet, according to Waldo Abbott, former assistant director of the Santa Barbara Museum of Natural History. He added that there is some debate about whether the California condor is larger or smaller than the Andean condor; in any case, the bird is certainly the largest in North America.

Olive Smith, wife of the late Santa Barbara conservationist Dick Smith, provided a description of the condor: "They are black with a naked orange head. They have a white triangular stripe under their wings, and a thin white strip on top when the wings are extended. The adults have blood red eyes."

From such a description, it's clear that up close the condor is no great beauty. "Well, no, they aren't the most attractive bird up close," said Janet Hamber of the Museum of Natural History. "They have a hunched appearance, like vultures. Their heads are naked, with only a few bristles between the eyes. Also, they have turkey-like feet, without talons."

So where has the mighty image of this

bird come from? From their flight, said Hamber. "In the air, they are magnificent. They are masters of soaring.

They are really beautiful." Hamber has been working for two years studying the condors in the Sisquoc Sanctuary, and she has had ample opportunity to observe the giant birds.


She explained that they rely principally on air drafts, currents and thermals for their flight. They tend to perch in cliffs or at the tops of larger conifers, and only two or three flaps of their wings are needed to initiate long flights.

The 40 or so remaining birds remain in many ways a mystery to the scientists studying and trying to save them. Their migration patterns, breeding habits and so on are clouded with numerous questions. But the shyness of the birds remains an obstacle to collecting needed data.


It is known that the birds remain with their parents for up to two years, and do not reach maturity until six to eight years (Please turn to p. 16, col. 1)

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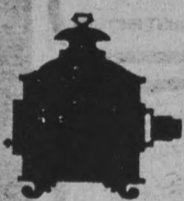
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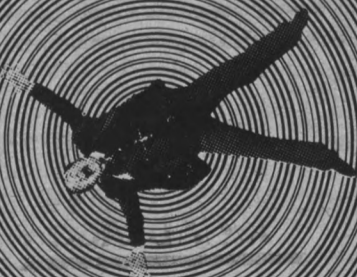
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Frog-Eating Common Egret is



A delicious meal of freshly caught frogs is enough incentive to make Common Egrets, like the ones shown, regular customers at the Anisq Oyo pond. (Photos by Karl Mondon)

By RACHEL WEINTRAUB Standing at a height of about three and a half feet in Isla Vista's Anisq Oyo Park is a regular visitor, who wades through the park's pond and feeds on frogs. This visitor is a bird belonging to the egret or heron family.

The egret family consists of three types: the common, American, or great egret; the snowy egret; and the cattle egret. Isla Vista's friend is a common egret.

The common egret is a large, slender white heron with a yellow bill and black legs and feet. UCSB graduate student, Don Schroeder, who works at the Biology department's museum, said a "neat feature" of these birds is their "immaculate whiteness." He claim that most other herons are colored for camouflage purposes.

Long loose decorative plumes are formed on the egret's back as part of the breeding plumage. Around the turn of the century, these plumes were in high demand to be used as fashionable decorations for ladies' hats. The exploitation of these birds for their feathers caused the death of many egrets. Isla Vista's frequenter is safe from worry, however, since these hats are no longer considered chic. According to Schroeder, these birds are now protected and cannot be "exploited for their feathers."

The great white egret of North America inhabits both the old and the new worlds. Its best known breeding area in Central Europe is at Lake Neuseidel in Austria. It also breeds in parts of Oregon, Nevada, California, Arizona, and New Mexico.

Besides the one lone bird in Anisq Oyo Park, lots of other common egrets inhabit the Santa Barbara area. Schroeder said that "there are more at this time of year. They are numerous from September through May, especially in the winter range. They thin out and are the fewest in the summer. There are always some around."

He added that these birds are just "visitors" in the area. No breeding takes place here. These birds "mainly utilize the Goleta slough area." They can also be seen around the lagoon. Egrets' most comfortable habitats are marshes, irrigated lands, ponds, shores, and mud-flats. They

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'Condor Call'

The March issue of the Condor Call, containing a complete listing of Sierra Club Outings for the next four months in the Santa Barbara area, will be available around Campus, starting today.

The Sierra Club has also announced a fund drive, to raise money to support our local lobbying program. In order to get Sierra Club attorneys and experts to important hearings regarding LNG, oil development in the Channel, and possible power plant sitings near Goleta, several thousand dollars must be raised.

Santa Barbara SWAP MEET Every Sunday 7a.m. to 4 p.m. BUY*SELL SAVE TWIN SCREEN DRIVE-IN THEATRE 907 S. KELLOGG GOLETA for information Call 964-9050 after 7 pm

It is Regular Isla Vista Visitor

nest on a platform of sticks in large trees, in dead brush over water, or in tule marsh, always together in colony. Found primarily in the vicinity of water, these birds are adapted for wading.

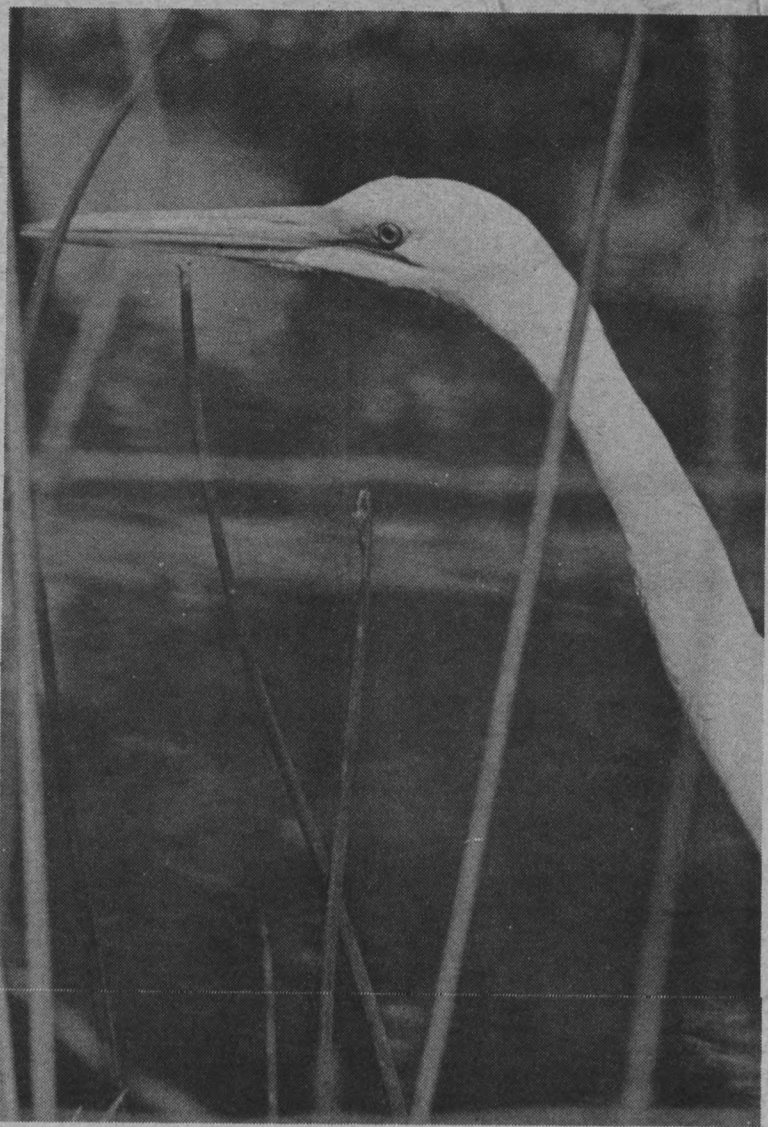
Egrets are well adapted to a sunny climate. Common egrets remain standing in the sun, showing no concern toward passers-by. According to Schroeder, the "great egret is wary and frightened of airplanes flying overhead and loud traffic. It puts up with people. You can't get real close, though." Isla Vista's bird seems to fall under these observations. Like others in its family, this egret doesn't mind people, as long as they do not make any sudden movements.

Egrets wade in quest for food. Slow-moving and patient when feeding, these birds stalk their prey carefully or stand and wait for it. At this time, their long necks are in the resting position, which can be described as an S-shape in an eager, leaning-forward look. These egrets can thrust their heads forward in a flash to stab or seize their meal. Schroeder commented that he has noticed, "Snowy egrets shake their feet in order to provoke their prey." He said that common egrets probably possess a similar habit.

According to Schroeder, "There's not just one prey item. Egrets have a variety in their diets. They eat mice, arthropods, worms, and frogs." Herons only catch animals swimming on the surface of the water. Anisq Oyo Park's pond is fed upon by its residential egret, who consumes dragonflies, mice, frogs, and other such delicacies.

Like their eating habits, egrets' flying habits are slow. Egrets fly with quiet, enduring wing beats.

Herons are beneficial to man by not only catching mice and countless water insects destructive to fish, but also because of their excrements. This material falls into the water and is important for the increase of plankton. Plankton is the basis of food for all young fish. Due to this fact, egrets are important resources for the fish industry. All of the Santa Barbara area's egrets aid new fish lives, including Isla Vista's great white egret.



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BEYOND AND BACK

Lifeline

"a weekly publication of the office of student life"

Lifeline is a weekly calendar of events, meetings, announcements & services published every Friday by the Office of Student Life. Student organizations having any announcements should submit them to the office on Tuesdays by 5 pm. Phone 961-2382.

Friday, February 24

- Drama Dept. Play: "Enter A Free Man" Studio Theatre 8 p.m.
- Friends of the Rent Control Alliance Dance UCen Cafe 9 p.m.
- Gauche Christian Fellowship dig-in (SH) GIRV 1127, 2108 & 2110 7 p.m. also 2-25
- Gay People's Union Dance Cafe Interim 9 p.m.
- Latter Day Saints Student Assoc.: Forum UCen 2292 12 noon
- Merhaba Folkdance Dancing Old Gym 7:30 p.m.
- Music Dept. Concert: "The Marriage of Figaro" LLH 8 p.m. 1.00st-1.50F&S-2.00gen also 2-25
- Muslem Students Assoc.: meeting UCen 2272 12 noon also 2-27 UCen 2294

Saturday, February 25

- Bike Club - Bike Ride leaves A.S. Bike Shop at 8:30 a.m. for 15-30 mile ride in S.B. area
- CSA Chinese Cultural Night 2 hr. live show CH 7:30 p.m. \$1.00 tickets on sale at Trailer 307B, UCen Info Booth & at the door
- Kundalini Yoga class UCen 2272 10 a.m.
- Mortar Board all day meeting at Barbie's house
- Organization of Arab Students lect-discussion Cafe Interim 1 p.m.
- Praxis meeting UCen 2292 10 a.m.
- UCSB Men's Rugby vs. University of British Columbia Thunderbirds Campus Stadium 1 p.m.

Sunday, February 26

- A&L Film: "Night Porter" CH 7:30 p.m. 1.00st-1.25F&S-1.50gen
- Bike Club - 40 to 80 mile ride leaving the A.S. Bike Shop at 8:30 a.m.
- Alpha Phi Alpha meeting UCen 2272 6 p.m.
- Gay People's Union meeting UCen 2294 7 p.m.
- I.V. Club Runners Fun Run, UCen Lagoon 10 a.m.
- Music Dept. Concert: Women Composers Concert LLH 8 p.m. FREE

Monday, February 27

- A.S. Finance Board meeting UCen 3137 3 p.m. & 7 p.m.
- A.S. Mini-Workshop "Parliamentary Procedure" UCen 2284 3-5 p.m.
- Classics lect: "The Army & Social Change in the Early Roman Empire" Psych 1824 8 p.m.
- CUT - Free Lecture Series "Drugs, Alcohol, Nicotine and Sugar: How Do They Affect the Energy Flow in Your Aura?" Ellison 1612 7:30 p.m. Also 2-28 & 3-1
- GSA & URC Coffee Hour (SH) GIRV 1411 3-5 p.m.
- Hillel class UCen 2294 4 p.m.
- Hillel folkdancing UCen 1128&A 7:30 p.m.
- University Catholic Community meeting UCen 2272 12 noon

Tuesday, February 28

- A.S. Committee on the Status of Women meeting UCen 2292 7:30 p.m.
- Buddhist Meditation & Study Group study session UCen 2272 6 p.m.
- Campus Advance for Christ meeting UCen 2272 9 p.m.
- Finance Board Budget hearing UCen 3137 7 p.m.
- Gauche Christian Fellowship meeting UCen 2294 8 a.m. also 3-2

I.R.O. Social hour Cafe Interim 8 p.m.

I.V. Human Relations Center - Conchita Peres (Chumash) speaks on "The Chumash Today" at 970 Embarcadero Del Mar, Suite H. 961-3922 7-9:30 p.m.

Kundalini Yoga Club class UCen 2294 5:30 p.m. also 3-2

Kung Fu Club instruction UCen 2284 7 p.m.

Student Life - OCB Mini-Workshop "Learning to Be Assertive in Groups; Questioning Authority Without Being Offensive" UCen 2284 3-5 p.m.

Women's Center - A Career and Life-Planning Workshop for Women in Transition. Women's Center Fireplace Room 7-9 p.m.

Wednesday, March 1

- A&L Special Event: Anna Russell, musical satirist CH 8 p.m. 3.50 st.-4.50F&S-5.50gen
- A.S. Legislative Council UCen 2284 6 p.m.
- Baptist Campus Ministry Fellowship & Singing at the URC 7:30 p.m.
- Christian Science Organization counseling with Ms. Wendy Manker UCen 2294 1:30 p.m.
- Gauche Christian Fellowship meeting UCen 2292 4 p.m.
- Hillel class: Contemporary Issues UCen 2294 7 p.m.
- Music Dept. Concert: Flute Choir Concert LLH 8 p.m. FREE
- SIMS introductory lecture on TM UCen 2272 12 noon & 8 p.m.
- University Catholic Community meeting UCen 2294 12 noon

Thursday, March 2

- A&L lecture: Barbara Tuchman, interview CH 3 p.m. FREE
- Acadia Hall film: "Monty Python & the Holy Grail" CH 6, 8 & 10 \$1.25
- Baptist Campus Ministry Bible Study: "The Parables of Jesus" 7:30 p.m. URC also at Francisco Torres Rm. 535 7:30 p.m.
- Christian Science Organization Weekly testimonial meeting, 7:00 p.m. - URC 777 Camino Pescadero. All are welcome.
- Drama Dept.: "The Rivals" Main Theatre 8 p.m. 2.00 also 2-3,4 & 2-9,11
- Hillel Heb-Yid class UCen 2284 6 p.m.
- Hillel lecture series UCen 2294 7 p.m.
- Music Dept. Concert: "The Complete Beethoven for Cello-Piano" LLH 8 p.m. \$1.00
- SIMS lecture UCen 2272 8 p.m.
- Women's Center "From the Beginning: Sex-Role Stereotyping in Children's Literature" a lecture by Carol Dixon, UCSB Graduate School of Education Women's Center 12 noon

ANNOUNCEMENTS

House Decoration applications due March 6 & 7 in Office of Student Life.

Volunteer Income Tax Assistance (VITA)
Free income tax help 7 - 9:30 p.m.
Sundays - Anacapa Dorm Rec. Room
Wednesdays - San Nicolas Dorm Piano Room
Thursdays - Francisco Torres & I.V. Alternative

Alpha Lambda Delta Initiation (SH) GIRV 1432 March 7 4:30 p.m.

I.V. Human Relations Center has peer counseling available free of charge Mon-Fri 10-5 p.m. 970 Embarcadero del Mar, Suite H or call 961-3922

major events • meetings • announcements • etc.

General info • deadlines • services

Clothing a Bare Campus Took a Forest of trees

(Second of two parts)

Denuded of its oak forest by 19th century whalers, flooded with salty water by farmers and stripped of much topsoil by World War II contractors, the site of the UCSB campus presented a major challenge to the landscape architects who strove to beautify it with trees, shrubs and groundcover over the past two decades.

Beginning in 1948 when the War Assets Administration turned over its 408-acre surplus property to the University of California, the UC regents paid close attention to the landscaping of this Santa Barbara acquisition.

In 1953 the regents established the post of consulting landscape architect and charged its occupant with developing a masterplan and coordinating the work of staff landscape architect Richard Brimer and the various executive landscape architects hired from private firms for each major building project. Lawrence Halprin was the first to hold this position, followed by Eric Armstrong, Victor Pinkney and currently Francis Dean.

Believing that the new campus should be graced with trees in keeping with the area's mild Mediterranean climate, local regents Samuel Mosher and Thomas M. Storke convinced their colleagues on the board during the 1950's to establish a special tree fund of \$50,000. Most of this was spent on palm and olive trees which were trucked in and planted in the court north of the Music Building, known for many years as Storke Plaza, and around Girvetz Hall.

Student wags of this period, observing the daily procession of trucks decorated with gayly waving plumage, dubbed this area "Palmolive Court."

Trees — their selection, location and care — were a prime concern of UCSB's botanist chancellor, Vernon I. Cheadle, now emeritus, who issued a standing order that no tree could be removed without his permission. Each proposal for removing a tree damaged by a storm or weakened by disease or found in the path of a proposed building or road went across his desk. This order still stands, with newly-installed Chancellor Robert Huttenback now making the decisions.

A familiar scene at campus construction sites is that of a lone tree protected by a bulwark of earth and plywood around which growling, earth-eating machines perform intricate maneuvers made necessary solely by the tree's presence. Though the words issuing from the lips of the hard-hatted operators of these giant vehicles are lost in the roar, one tends to doubt that they were penned by Joyce Kilmer.

Will Beittel, senior nurseryman at UCSB and author of "Santa Barbara's Trees" and other books, estimates that the campus, which now encompasses 808 acres and two lagoons, contains

perhaps as many as 5,000 trees. Among these are different types from the same family: five species of coral trees, 10 of figs, 11 of palms, nine of pines, 20 of eucalyptus, three of acacia and others.

Included are exotic and rare flowering trees from Asia, South America, South Africa, Australia and the Pacific islands which form, in effect, a botanic garden or living library for research, teaching and pure visual enjoyment by anyone strolling by. Among these trees are representatives of the families bombax, magnolia, soapberry, ginseng, cypress and Cunonia.

The campus's latest long range development plan includes a list of trees (and groundcover) which over the years will strengthen this important teaching and research function of the planting program.

Francis Dean of Newport Beach, UCSB's consulting landscape architect, discusses other functions of trees in his "Guidelines: Landscape Development and Maintenance," a manual for the UCSB campus.

Trees, he says, can extend or act as a foil to screen or enhance architectural lines of building complexes; be used as a silhouette against the sky, or reflection in water, or as skyline trees; provide intimate spaces, sheltered areas, buffers between activities, or a sense of openness; enhance, block or frame a view or, as in the case of handsome structural trees, be a view themselves.

Also, as UCSB students are happy to demonstrate, they provide shady spots on hot days to relax and chat with friends.

In addition, they are good visual surprises: the spiral pattern formed by the peeling bark of the eucalyptus, baring shades of tan, white and grey on the tree's trunk; the redish orange of a coral tree blossom glowing through a cold December rain, and a blank wall transformed to beauty by the lacy shadow of a palm frond.

Water, always a consideration, is now a serious problem for campus planners. Years before the surrounding community was aware of the need for water conservation, UCSB was practicing it, reducing water usage dramatically and initiating practices designed to prevent evaporation and waste. Even more stringent measures are now in effect. Before a new tree is purchased, consideration is given to its water requirements and its degree of salt tolerance.

As the campus moves into its third decade on its promontory site, UCSB planners are carefully husbanding their limited allotment of water in order that the trees which have been so carefully nurtured and which give pleasure to so many people will remain alive and healthy for the enjoyment of future generations — even if the lawns must turn brown.

Geologist Shows South Coast To be Slowly Rotating

The South Coast region is whirling in a geologic eddy on the edge of the Pacific and North American tectonic plates, according to Dr. Bruce P. Luyendyk, associate professor of marine geophysics at UC Santa Barbara.

He describes the region as a "microtectonic plate block" that is rotating clockwise. It has turned roughly 90 degrees since 15 million years ago.

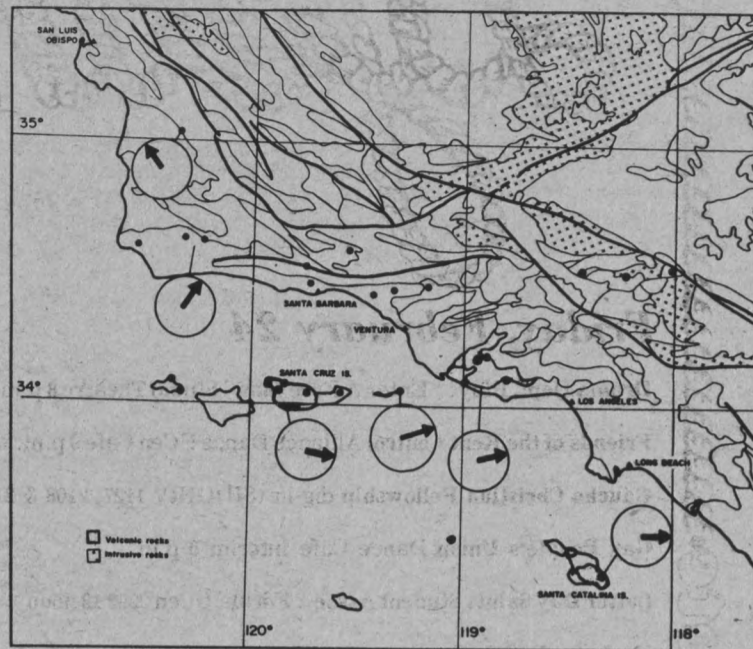
Dr. Luyendyk's theory is based on observations of anomalies in the magnetic directions recorded in volcanic rocks that date from the Miocene era, 15 million years ago. As the molten rocks solidified, they took on the magnetic orientation of the earth's pole, known to be due north at that time. Their magnetic orientation now points east.

It is possible, Dr. Luyendyk said in a recent interview, that Southern California may be made up several of these relatively small chunks of the earth's crust. "The Pacific plate and the North American plate join at the San Andreas fault," he said. "However, it is not a simple crack, but a boundary zone made up of many cracks, many faults, and many small crustal blocks."

The existence of these small plates could have major implications for the area's earthquake potential. More attention could well be focused on fault zones other than the San Andreas. "We know that some of these other faults have had important destructive earthquakes on them," he said. These include the Santa Barbara earthquake of 1925, the San Fernando disaster of 1971 and a large tremor at Point Mugu in 1969. It is possible, he suggested, that these quakes might be a result of activity on the boundaries of microtectonic plates.

Dr. Luyendyk is still working on determining the exact boundaries of the South Coast microplate, but suggests that the northern boundary extends out to sea somewhere near the Point Conception region, site of the proposed LNG facility.

The plate includes all of the Channel Islands, parts of the Santa Barbara coast, the Santa Ynez Mountains, and heads eastward as far as the Vasquez region, near Saugus and Newhall. Sea floor studies are continuing off the California coast to determine the western and southern boundaries of the plate.



On this map of the South Coast region of Southern California the dark lines are fault lines and the black spots are sites where UC Santa Barbara researchers are studying the magnetic orientation of volcanic rocks to pinpoint the boundaries of the South Coast microtectonic plate. The circled arrows show the magnetic directions the rocks that pointed north 15 million years ago are now oriented.

Plotting the exact boundaries will be a time-consuming project. "We need a dense, widespread sampling to eliminate any tiny blocks or slivers of crust that have anomalous deformations," said Dr. Luyendyk.

In cooperation with San Diego State University, UCSB geologists are extending studies into the Mojave Desert and Imperial Valley to plot other microplates. Assisting Dr. Luyendyk is graduate student Marc Kamerling who is conducting this research as a thesis project. UCSB researchers are also in contact with people from Stanford University working in an area north of San Luis Obispo where they have found rotations similar to those of the Santa Barbara region.

"At the moment it looks like there are three distinct microplates in Southern California," Dr. Luyendyk said.

He theorizes that the block including the channel islands and part of the Transverse Ranges originally lay along the coast on the same trend as the northern coastal ranges, with its present western end down to the south. As the Pacific tectonic plate moved northward relative to the North

American plate, the small block of earth's crust that makes up the South Coast plate became jammed somewhere around Gorman, on the eastern edge of the Mojave Desert. Like an eddy in a stream, the block started revolving in an opposite direction to the main line of flow. The block continues to move northward, but in a clockwise whirl rather than a straight line.

Microplates are being found in increasing numbers along the margins of the dozen or so giant plates that cover the globe, and have helped clear up many of the apparent contradictions in the plate tectonic theory.

MEMO TO STUDENTS

The Executive Committee of the College of Letters and Science has discontinued the two majors of Human Factors and Health Studies, including both the Pre-Physical Therapy and General Health emphases, in the Department of Ergonomics and Physical Education, effective immediately. The Physical Education major will continue to be offered.

The action of the committee means that the two majors are now closed and now new students can be accepted into them.

Students who already may have made substantial progress toward the completion of the requirements of one of these majors, without officially declaring it, and whose educational progress will be seriously affected by its discontinuance, should consult advisers in this office and in the Department of Ergonomics and Physical Education to discuss the alternatives open to them. It is possible that in a few cases of an extreme nature requests for exceptions can be considered.

Bruce Rickborn
Dean

This public service page is provided by the UCSB Public Information Office.

Housing Unit Hears Cases

They met and reasoned together — and landlord and tenant are the better for it.

It happened at the first meeting of the new year of the UCSB Housing Mediation Board which recently heard and ruled on two cases involving landlord-tenant disputes which had been deadlocked.

The board is composed of three UCSB students, three landlord representatives and the supervisor of UCSB Housing Services. To utilize the board's services, both parties submit their dispute to the board which seeks to arrive at an equitable solution.

The first case hinged on the question of who should pay three bills totaling nearly \$90 for the repair of a garbage disposal. The landlord felt the tenants had abused the disposal; the tenants argued that the unit was old and worn out and had expired through "normal wear and tear."

Interestingly enough, in reviewing the repair bills, it was questioned by one of the landlord representatives on the board which eventually led to the board's dismissal of two of three bills initially charged to the tenants," according to Joan Mortell, supervisor of UCSB Housing Services. By unanimous vote, the tenants were held responsible for one-third of the remaining bill, about \$10.

The second case involved a request by tenants of three apartments in one building to receive a rent reduction as compensation for the inconvenience caused by major construction and repair undertaken by the management. By a vote of 6-1, the board decided upon a realistic rent adjustment for each of the three apartments.

Over 200 Bird Species Fill Santa Barbara Coastal Skies

By JULIE GORDON

Of all Santa Barbara's wide variety of coastal birds, Coots, Seagulls and Double-crested Cormorants are probably the most common.

In their 1978 Christmas Count, the Santa Barbara Audubon Society recorded 1,040 American Coots, making them the most abundant type of shorebird. The waddling birds are all black except for white on wing edges and gill. Their name derives from their "soot" color.

There are nine types of gulls along Santa Barbara's shoreline ranging from the common Ring-billed and Western Gulls to the rare Herring and Thayer's Gulls. Ring-billed types are known for their black and flesh-colored legs. Young gulls are usually all mottled brown and gray, making

it hard to tell them apart.

The Double-crested Cormorants were very popular water birds. This year the Audubon Society reported 693 sightings of the black, orange-faced fish-eaters. They also found 170 cases of Brant's Cormorant with a blue throat. Cormorants fish in groups and fly close to the water in straight line flocks. Japanese fishermen used to send five or six into the water strung together with neck-rings to stop swallowing, then haul them in and empty their throats of fish.

Where there are reeds there are Grebes, which they use to build floating nests. They can be seen diving around marshes for fish to avoid predators. Grebes adjust their buoyancy to float high or low in the water by trapping air between body feathers and

compressing them to expel it. The Pie-billed Grebe has a black ring around its beak, seldom flies, and eats its own feathers to feed their young. This apparently protects their stomachs from sharp fish bones.

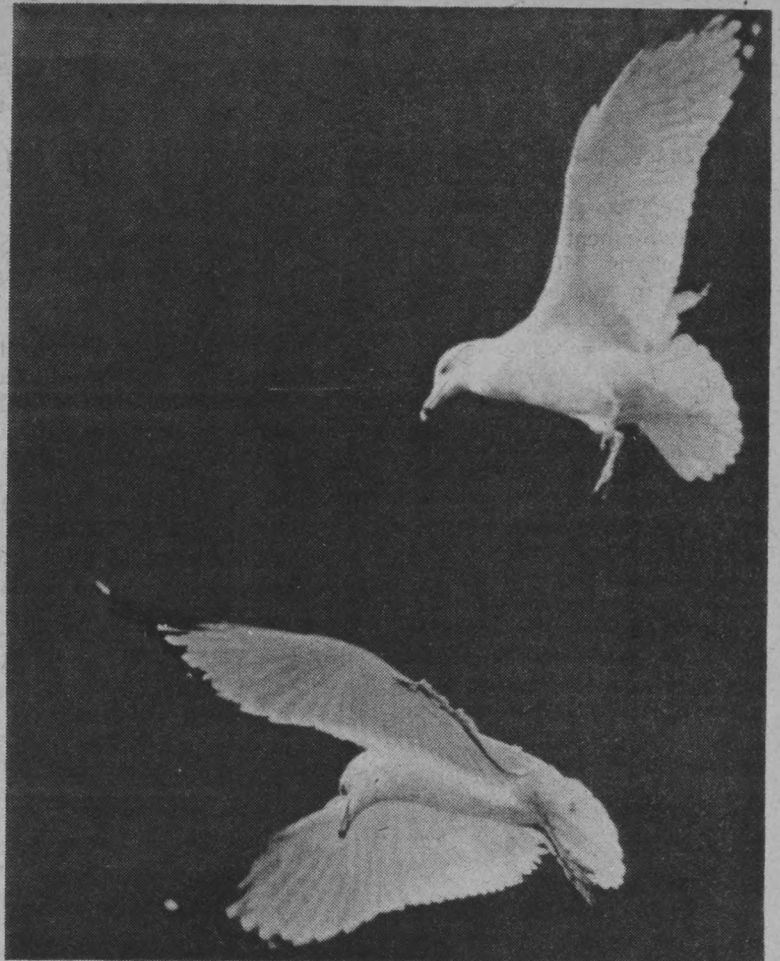
The Western Grebe vacations in Santa Barbara through the winter and sometimes longer. They have a unique courtship ritual in which breeding pairs or sometimes two males swim together making head-turning movements and occasional dives. Suddenly both rise straight up, run across the water and end with a dive.

Santa Barbara is also a popular winter hide-out for ducks and geese. Pintails, known for their whistle, are called "sprigs" by hunters. Males have a white chest, a strip of white running up their neck, and a long, pointed tail. The female is mottled brown color.

Mallards, best known for their classical "quack" have a purple iridescent wing patch surrounded by white. They can often be seen "dabbling" around, where they feed underwater paddling with their webbed feet to remain head down and tail up.

Male mallards have cinnamon chests, a white neck ring and green heads. Females are brown-streaked. Ruddy ducks are also common as well as the Canadian geese who migrate here.

Flocks of tiny Sandpipers, known as "peeps" can be found running along the edge of the tide feeding on small animals. They rarely walk, but bob up and down like a see-saw. This helps them



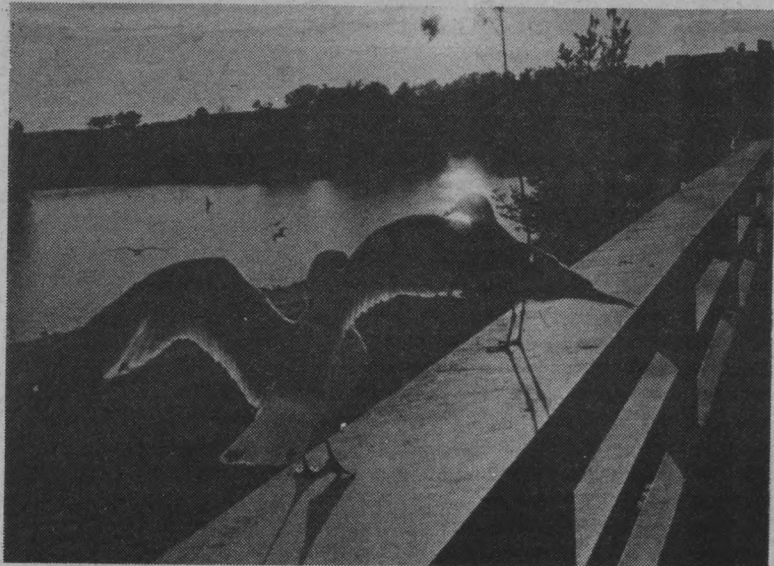
Seagulls are among the most common birds along the Southern California coast, an area which boasts a large variety of feathered friends. (Photos by Karl Mondon)

judge distance.

Brown Pelicans can be spotted diving for fish in their scooplike throat pouches and hooked beaks. Once inside, they turn the fish so as to swallow them head first. In hot weather, they flutter these throat pouches like fans. Sometimes the pelicans can be heard grunting or croaking.

They have whitish heads and were a dying species before the DDT ban. The insecticide caused extremely thin eggshells and premature breakage, hampering reproduction.

These are the most common coastal birds of the Santa Barbara region. Other types are less distinguishable and migratory.



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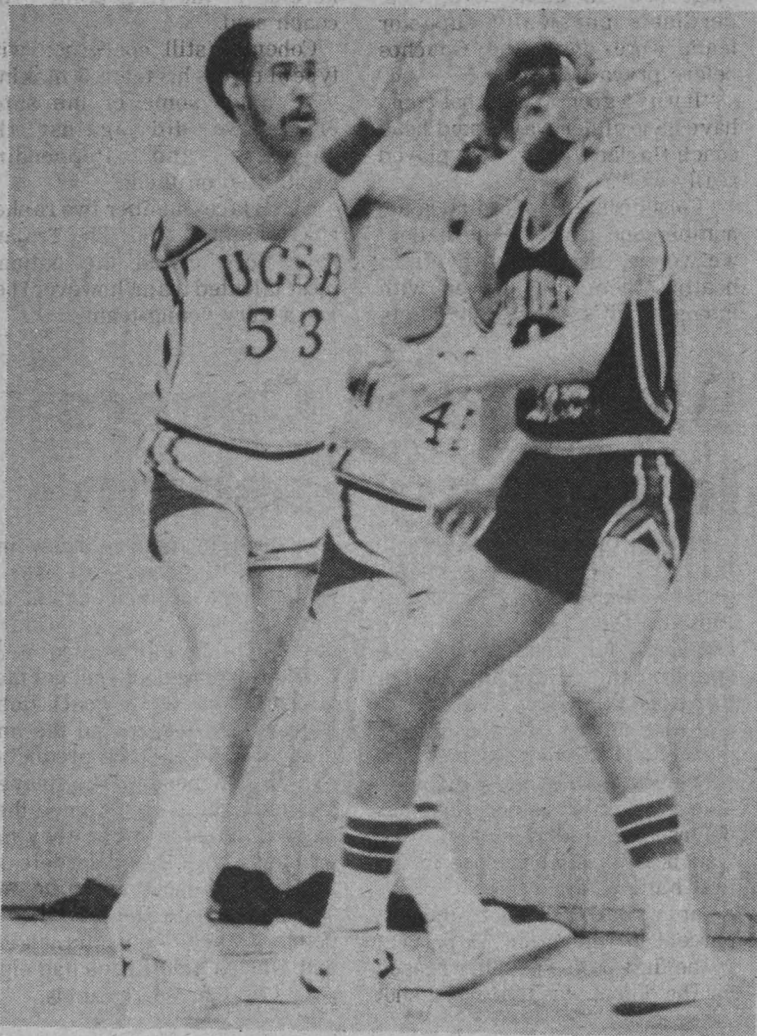
Enquist: **Night of the Tribades**

THE IDEA: Let us form a small Renaissance community in which to live, think, go to plays, and have fun together in the small festival town of Ashland in the midst of the Oregon mountains. Taking the plays of the Festival season as our subject matter, let us live and dine together in a small dormitory where the atmosphere will move thoughts, conversations and activities toward Shakespeare's world. The dancing, the games, the music, the paintings, the entertainment, even (from time to time) the food will suggest that world in such a way as to bring everyone more completely inside the plays.

THE FACULTY: Dr. Homer Swander, Department of English, UCSB, will head a staff of artists, dancers, musicians and teachers. Sessions with Festival actors, directors and designers.

COSTS: (about the same as living at UCSB for Summer School).

FOR MORE INFORMATION: write or call Dr. Homer Swander, Department of English, UCSB, SH 2722. 961-2911 or 961-2457.



WILBUR TATE (53) is one of the few men on this year's basketball team that has the ability to excite the home crowd. Tate has been a reserve center for the past two years. (Photo by Rich Perloff)

'Dr. W'

Tate Earns Crowd's Cheers While Supporting Own Club

By RICHARD BORNSTEIN

Few men in Gaucho basketball history have excited the crowd like Wilbur Tate has in his brief two year stint at UCSB.

When number 53 starts to take off his warm-ups, the cheers from the audience begin. By the time he is introduced into the line-up, several people are on their feet cheering loudly, applauding the 6'9" center, who is affectionately referred to as Dr. W. If the big man hits a basket, not only does the crowd go crazy, but his teammates get excited as well.

There are several reasons why the reserve center attracts so much attention on the court, and most are related to his off the court demeanor. One may be greeted with a huge smile, and a "hey, hey — how you doin'," by Tate. Obviously, the enthusiasm he shows to people during the day affects the people who see him play in the evening.

"I don't know what it is," Tate says. "I guess people appreciate the fact that I take time out to be nice to them. Just because basketball may not be going good, it doesn't mean the rest of my life has to be down."

When he arrived from North Texas State last year, Tate expected to play a lot. Admittedly the fact that he has not disappoints him, but he still maintains the attitude of "being ready when I'm called on." Last season he rarely played, and this season he has averaged maybe five minutes per game.

"It's hard to keep your confidence up when you're not playing," Tate said, "I expected to play more when I first got here. When the coach calls I'm ready, and I always work hard in practice. Practice is not like playing in a game, though."

One of his best games came this season in Rob Gym

against the University of the Pacific. In that game, Tate played against his former high school teammate George Fowler, and he rose to the occasion by blocking a couple of shots, and hitting a jumper, much to the delight of the crowd. In the UOP game he received some playing time, and played well, but some of the smaller, quicker centers give him problems.

He does not let that deter him when he does get into a game. He goes at his opponent with the same zeal every time he is out there.

"I feel playing ball is mental," says Tate. "If you're a smooth player that's ok — but when you're not you have to play tough. You have to throw a few elbows to let your opponent know you're there; let him know you're not just another scrub, coming off the bench."

At any one of the Gauchos home games, and some of the road games, several of Tate's relatives will attend. He says, "My relatives have always been behind me, and have always given me a lot of inspirational help. They are really supportive, and I play harder when I know they are in the audience. My family has always boosted me back up when I have been down."

Tomorrow night when the Gauchos face Fullerton in Rob Gym, Tate, Tom Flavin and Richard Ridgway will be making their final home appearances. There is more than a tinge of sadness in his voice when Tate looks back over his career here.

"I would have liked to have over 20 minutes one game, and been in double figures in scoring and rebounding," Tate said. "I would have liked to have been able to show the people behind me that I can play."



Basketball player
of the week

MATT MADEROS

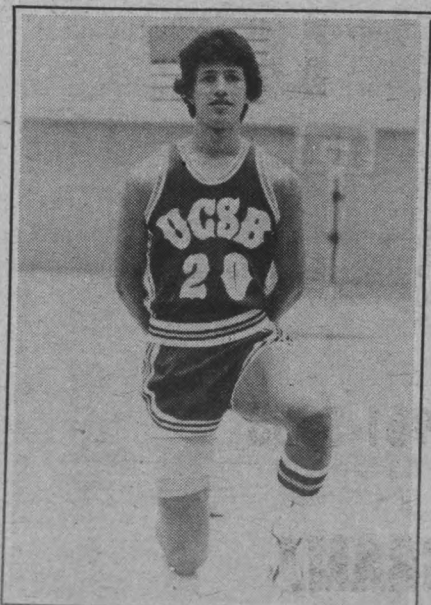
6' 5", 185, Junior,

Majoring in Business Economics

from Chico, California

scored 23 points in UCSB's 68-66 overtime loss to San Jose State last week.

Hit 10 of 13 shots from the field including first seven shots. Also scored 13 points last week against Pacific.



Ruggers Subdue Cal Bears, Now Face British Columbia

By DAVE GEOFFRION

Returning home after a strong showing in the Bay Area last weekend, the UCSB rugby team entertains the world-renowned Thunderbirds of the University of British Columbia tomorrow, at 1 p.m., in the Campus Stadium.

UBC, which vaunts a handful of

players from the Canadian National Team, has swept every match from Santa Barbara since international competition between the two began seven years ago.

"We have to be the aggressors," player-coach Mel Gregory said. "They are stronger

than us even in our strong areas. they are faster and have more finesse."

The Gauchos have their hands full, indeed. An indication of what they're up against was exemplified in the Thunderbirds' recent 35-point drubbing of a Long Beach State team which earlier this season defeated UCSB, 13-3.

"Realistically, our chances are not great but we are really confident," Gregory said.

That confidence was given an added boost over the three-day weekend. Although Santa Barbara lost a heartbreaker to Stanford on Saturday, 8-7, they bounced back Monday to subdue highly-touted Berkeley, 15-8. The split left UCSB 2-2 in league play and 9-3 overall.

According to Gregory, "missed opportunities" plagued the Gauchos in their match with Stanford. These illfortunes included a conversion attempt which caromed off the cross-bar, a try that was nullified by a Gaucho infraction, and a fumble at the Cardinal goal-line which cost another three-pointer.

However, UCSB retained their poise against the huge Golden Bears, despite the absence of such key players as Gregory, forward Dave Hacker, and

(Please turn to p. 15, col. 1)

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Home Schedule

MEN'S BASKETBALL—The Gauchos wrap up their season tomorrow in Rob Gym when they face Cal State Fullerton at 8:05 p.m. Depending upon how the Gauchos fared against Fresno State Thursday evening, the game could determine whether they will qualify for the PCAA post-season tournament. Currently, Santa Barbara is one game ahead of UC Irvine, and one behind San Jose State. If the Gauchos tie with Irvine, the Anteaters will go to the tourney because of one point differential during the season series between the two teams. UCSB is 3-9 in the PCAA.

The women's basketball team opens up the evening's play, when they face Fullerton at 5:45.

WOMEN'S TENNIS—After demolishing San Luis Obispo in a 9-0 sweep last weekend, the UCSB women's tennis team will attempt to replicate the victory again this weekend.

The Gauchos will host San Luis Obispo, Pepperdine, and Berkeley. Play will begin on Friday against the Pepperdine Waves, who were defeated previously this season in a close 5-4 match.

On Saturday, the Gauchos will take on Cal Poly SLO in the second conference match for UCSB, and a win for the Gauchos is expected. UCSB will meet Berkeley on Sunday. Berkeley is a nationally ranked team and should be a tough challenge to UCSB.

BASEBALL—UCSB's baseball team, currently 4-4 on the year, opens their conference season tomorrow at noon against San Diego State on the Campus Diamond.

The Gauchos will probably send Doug Moll to the mound in the first game of a scheduled doubleheader, with Stefan Wever getting the nod on the nightcap. Santa Barbara faced Westmont yesterday.

TRACK—The UCSB Gaucho Track and Field Team will be "going in cold," according to coach Sam Adams, as they open their season tomorrow against Westmont College on the UCSB track. Field events begin at 1:15, and the races will start at 2:00.

The unproven Gauchos are progressing quite nicely so far, Adams says, and they are strongest in the field events. "We have four or five athletes that may be capable for national competition."

A limited Westmont squad is not expected to give the Gauchos a very close contest. But Westmont does have some strong individuals, which should create a few exciting races.

GYM—The UCSB's women's gymnastic team will attempt to make up for a close loss to Northridge last week, as they take on Pomona tonight in Rob Gym at 8:00. Pomona is favored to win however, as they previously defeated Northridge by five points.

The men's team will travel south this weekend to face Cal State Long Beach and Cal State Fullerton. Fullerton and Long Beach are the two top men's teams in the league this season. The meet will be held at Fullerton.

SWIMMING—In the club's final tune-up before the conference championships the men's swimming team will take on a line-up of Alumni swimmers this Saturday afternoon at 1:00.

The usually enjoyable meet will have informal scoring in both diving and swimming. More importantly it will be the squad's last home appearance of this season.

In addition the seven seniors of the team will be in their final home meet as members of the Gaucho squad, while ten of the club's performers will be competing in their last competition of the year as they will not make the trip to the PCAA championships.

Seniors Keith Cruickshank, Rob Webster, Glenn Halstead, Dave Harvey, Scott Roberts, Arthur Verge and Kevin Davis will be in their UCSB home finale under head coach Gregg Wilson.

Spikers Barely Defeated by Waves in Five Game Match

An unheralded UCSB volleyball team almost pulled off the biggest upset of the young season Wednesday night. Playing against number one ranked Pepperdine, in the Waves Firestone Fieldhouse, the Gauchos took their hosts to five games before succumbing, 15-10, 2-15, 15-8, 8-15, 15-8.

The Waves pulled away in the latter portion of game one to win it, 15-10. Then, Santa Barbara got untracked and thoroughly dominated Pepperdine winning, 15-2.

When the Waves came back to win game three, 15-8, it appeared the visitors were through. Undaunted, UCSB came back and played some of their best

volleyball of the evening, winning, 15-8. In game five, Pepperdine's physically superior team wore down the Gauchos before prevailing, 15-5.

"It was a good match that could have gone either way," said head coach Harlan Cohen. "We played really well."

"Considering Pepperdine is the number one team in the nation, we weren't that far away from beating them. We played with intensity, it's just that Pep-

perdine has a big team and that hurt us in the fifth game," the coach said.

Cohen is still concerned with type of errors his team is making. "We made some of the same errors we did against the Japanese and Pepperdine capitalized on them."

UCSB faces number two ranked, USC tonight at USC. The Trojans have been called the nation's most talented team, however they are a very young team.

Biola Tops Cagers In Strong Fashion

Playing uninspired basketball, the UCSB women lost their 15th game of the season, this one to Biola College, 70-48.

Except for some occasional spurts, the Gauchos never threatened as the Eagles outplayed them in every aspect of the contest. Senior Bonnie Lind seemed to be the only Gaucho to give a full effort as her tenacious defense and drives kept the Gauchos reasonably close in the first half.

Santa Barbara shot only 33 percent for the game, 25 percent in the first half. The other reason for the defeat was that Biola shot

14 of 19 from the free throw line, while the Gauchos were 2 of 2. Making use of their height advantage, the Eagles outrebounded the women 54-36.

The Gauchos could not get their offense untracked as coach Bobbi Bonace shuffled around the line-up trying to get some production out of her bench. The players seemed tight as they forced their passes and shots when they had problems with the Biola defense.

Laurie Wilson was the top scorer for Santa Barbara with 12 points. Mary Ann McLaughlin and Marina Schiff each had eight points and seven rebounds.

Swimmers to Invite Today

In what head coach Suzie Dressler has proclaimed to be the women's swim team's "peak" meet, the three-day Stanford Invitational gets underway today in Palo Alto.

The 23 member contingency left yesterday for the northern school's pool, as they will be joined by some of the top clubs on the West Coast including USC and UCLA.

"We're looking for our season bests," noted Dressler. It will be the squad's last opportunity to qualify both individuals and relays to the NCAA Nationals in a week.

Thus far Carolyn Woods and Sandy Nielson are the lone Gauchos who have earned the right to participate in individual events. Woods has qualified in the 250, 100 and 200 breast stroke along with the 100 Individual Medley. Nielson has qualified in her specialties, the 50 and 100 freestyle.

Ruggers

(Continued from p. 14)

Jimmy Rogers, and upset a Berkeley team which out-weighted them by "30 pounds a man."

Gauchos Rick Volk, Phil Bugay, Bob Riggs, Tim Eckels, and Eric Levine were instrumental in the win but Gregory insisted "it was a team victory all the way."

UCSB's second team, the Guanos, also split a pair, losing to Stanford while beating Berkeley. The women's team stayed on the winning track by taming the ladies from Stanford, 10-4.

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Each Bird Tale Told...

(Continued from p. 7)
 "unified the protective laws of both countries." Closed seasons on migratory game birds and regulations "for international commerce in game and other birds" emanated from the bilateral agreement.

Nonetheless the ivory-billed woodpecker, the whooping crane, Everglade kite and the California Condor have felt tremendous blow.

Paradoxically at the time they have begun to receive a trickle of protection necessary to keep these species breathing. In 1951 for example the Los Padres

National Forest was designated as a condor sanctuary. But, condor population levels are so low recovery is questionable.

Here, in California the condor is billed as the largest bird (ten feet) while the calliope hummingbird lists as the smallest. Both have been found at Mt. Pinos in South Kern county. They make up part of the 518 estimated statewide species representing a very fluid population. Year round the most abundant species are the mourning dove, red-winged blackbird, the house sparrow and the house finch, along with a few others.

California Condor

(Continued from p. 6)
 of age. Topa Topa, a condor in captivity in Los Angeles, didn't begin displaying reproductive habits until the age of 12.

Mature birds lay only one egg per year, and generally only in alternate years. A condor has been kept for 45 years in captivity, and their natural lifespan is thought to be somewhere between 45 and 75.

Despite continuous protection for four decades now, the condor is in decline. In the 1930's, there were an estimated 100 birds in the area. By 1965, that figure is believed to have dropped to 60, and today it is around 40.

Under the 1973 Endangered Species Act, recovery teams were established for all endangered species and were charged with preparing reports on ways to increase the animal's numbers. The Condor Recover team (CRT) has found itself an object of some controversy.

The Recovery Plan put forth by the CRT has come in two parts. The first, with a goal of getting the number of condors up to 50, has involved the use of supplemental feeding, acquiring critical habitat and so forth. So far, these measures have not resulted in notable success.

The next step is the Captive Breeding Plan, which will involve capturing some birds and attempting to breed them in zoos. This has caused most of the debate, for there are many dangers involved in it. The issue has caused split among environmentalists, with the Sierra Club coming down against the program and the Audubon Society endorsing it.

The issue is not seen as a light one, for if a wrong move is made now, it could well mean the extinction of a great animal, the condor.

And California, containing a broad array of habitats has no single species occurring in all of these. The Common Raven comes close by living in deserts, grasslands, rocky cliffs along seacoasts and in mountain forests. On the other hand a very restricted bird is the black oystercatcher found primarily on the rocky beaches of the offshore islands and mainland.

Popular California birds are the blue fronted and California jays, California thrasher, the junco, grouse, briggs bird, hermit thrash, valley quail, mourning dove, wood duck and mallard.

When birds evolved into airborne critters they exhibited 150 million years prior to the Wright brothers the ability to fly. An attribute every day dreaming boy and girl wishes for, and one calling for the two main evolutionary ingredients of weight reduction and power increase.

To match these requirements birds have developed thin hollow bones, light feathers, elimination of skin glands, lack of teeth and heavy jaws, bone fusion, atrophy of gonads between breeding season, eating concentrated foods and rapid digestion. For more power warm blood, heat conserving plumage, energy rich

diet, synchronize breathing movements with wingbeats and a high rate of metabolism have created a reservoir of strength.

When patched together these characteristics form an aerodynamically sound flying machine. Hence, the breathing winds of the world form a suitable medium for bird flight. Such a flight which is carried by a lifting force due to the contours of the wing. The convexity of the top portion of the wing and the concavity of the bottom direct air pressure under the wing, thus bringing upward forward movement. And the more the wing is tilted upwards ("angle of attack") the more vertical movement up to a point when drag creates stalling. With the cambered and streamlined anatomical design of birds one can see the sharp similarity to a plane. And the laws of aerodynamics are basically the same for both.

While feathers are an intractable part of the bird flying apparatus they also serve for purposes of courting behavior. The brilliant plumage of males is notorious for catching its female prey during the woeful mating season. The North American scarlet tanager and the indigo bunting display such talent

which disappear after the mating period.

And nature seems to take care of its excesses as brilliant plumed males usually do not participate in the incubation process. This would only endanger the young due to the attractive scenario the feathers create for watchful predators. Luckily, however, many bird predators are color blind or else most males would be getting axed.

The ornamental display of the peacock comprise its "stiff wing feathers" being audibly rustled. The cock grouse struts around, with his large brightly colored jaw sac blown up and deflated creating noises. Hens come to witness the spectacle, and males "jockey" and fight for the females' attention. And the Satin bowerbird of Australia, a blue species with bright blue eyes "decorates its bower with the petals of blue flowers."

From reptile to Archaeopteryx to modern day bird seems an extraordinary evolutionary series of change and adaptation. One which if left unimpeded by man and his institutions will perhaps continue to progress. If not the loss will be ours. And "birds of a feather" will no longer flock together.

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