

So What
Do We Do

The CALIFORNIA Tech

With All Those
Watches?

Volume LXXV

Pasadena, California, Friday, October 12, 1973

Number 4

Six Undergrads Participate in Model U.N.

by Brian Yandell

This last April, a group of 6 students—Brian Yandell, Paul Yancey, Bryan Jack, Alan Shiller, Bruce Mickle, and Dave Larwood—along with advisor and wife, Dr. and Mrs. John Ferejohn, went to Sacramento as the first Caltech delegation was representing the African country of Chad in the XXII MUNFW conference.

The Model United Nations of the Far West (MUNFW) is regional organization that is sponsoring an annual Model UN conference. Schools from California, Oregon, Washington, Arizona, Hawaii and other western states send delegations, representing a particular member nation of the UN. The participants attempt to follow the policies of the nation they represent and the policies and protocol of the UN, though not necessarily mimicking their chosen country. During the course of the conference, which lasts 3 to 4 days, the students contribute their talents in committee and caucus meetings, the decision making and bargaining of international politics, impromptu speeches and debate, and in the late hours, parties and bull sessions.

All who participated in the conference felt that it was worthwhile and that Caltech should attempt to send another delegation this year. Dr. Ferejohn is unable to be the advisor this year, but Dr. Bob Oliver, Professor of Economics, has agreed to advise us through the year. In fact, Dr. Oliver is teaching a course that would be helpful to anyone participating in this

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News Briefs

BEWARE! The Mudeo Is Coming!

Frosh—get on your old clothes. Your chance to get back at those oppressive sophomores is coming. Show them who is at home in the slime and the ooze. Show them who is the scum of the earth. The MUDEO IS COMING: Sunday, Oct. 21, 2:00 p.m.!

ASCIT Musical Coming Again

Can you help make possible the '74 ASCIT Musical? If so, come to the organizational meeting, Thursday, October 18, in Winnett Lounge, from 7:30-9:30 p.m. For further information, contact Greg Simay in 210 Ruddock.

Reed On Telepathy

Dr. Henry Reed, Assistant Professor of Psychology at Princeton, will speak on "Telepathic/Prophetic Dreaming" Monday, Oct. 15, in Winnet Lounge at 7:30 p.m. Dr. Reed has done



MASON WILLIAMS kicks off the Noon Concert series. Photo by Feeney

ASCIT of Massey

Donut Club Returns

by Philip Massey

The first meeting of ASCIT's Board of Directors will take place this Sunday afternoon at 3 p.m. in Winnett Lounge, assuming enough BOD members either remember to come or wander in at the right time. The usual fare of donuts and drink will be present, whether a quorum is or not.

Among other items on the agenda, the BOD will (hopefully) appoint a game-room chairman, may or may not discuss its previous appointment of people to faculty-student committees, and listen to Johnson about the coffeehouse. The feature presentation will be by Dave Peisner on why there isn't any money. The budget requests from the Chinese Student Association and other groups will probably then be tabled until BOD members have had a chance to chew over, digest, and forget Peisner's report, i.e., until next week. Furthermore, such old favorites "Getting Nowhere with the Bookstore," "The Van We Don't

Have," and perhaps even "The Student-Faculty Tennis Matches" may be replayed, despite their not being on the agenda. The BOD may even try to find a new meeting time.

Well, Beckman says the donuts will be good.

EQL Objective

Socially Responsive Science

by David Callaway

There is no sign on the building, no equipment, and only a small library. The plain, cinder block offices on the top floor of Dabney Hall are strewn with books and reports, the blackboards littered with graphs and equations. Yet in this unprepossessing atmosphere, the Environmental Quality Laboratory has done what may be miracles in the less than 3 years since its establishment in January, 1971.

The EQL had its genesis in a speech by Caltech President

San Pasqual Ripped; Garden Wall Tumbles

by Dave Peisner

Work began on the second phase of the San Pasqual project this week with the demolition of the old street, the Dabney Garden wall, and the south sidewalk.

This second phase of the project (the first was the closure of the street) will involve only the area between Church and Spaulding. A spokesman for the Office of the Campus Architect indicated that this project will be delayed slightly to maintain service access to all buildings near the construction site. He added that a committee of faculty and students held meetings to consider the alternatives for phase two and agreed to have the Dabney wall removed. It will be relocated farther south in line with the north edge of Spaulding

Church, are being considered.

Presently, the Campus Architect must decide whether or not to provide a spacious park at the southern end of the Beckman mall.

The projected completion date of phase two is January 1. Meanwhile, alternatives for phase three, the area in front of the road from Wilson to Crellin alley will be a curving double lane street or a slightly straighter single lane alley. When this decision is made, the plans will be compiled and submitted for bids. The spokesman indicated the construction would probably be delayed to miss the rainy season but he was hopeful that the entire San Pasqual site would be completed by late June or early July next year.

At the same time, he was a little more optimistic about the Throop site. Although no contract has been signed yet, he said that the drawings have been completed and submitted for review. When they have been approved, the Institute will accept bids from contractors with the target date for awarding the contract set for approximately November 1.

In the meantime, the administration did quite a bit of preventative construction (sound

Continued on Page Two

East Asia Study Trips Available

Travel and study opportunities in East Asia are now available to graduating seniors and graduate students under 30 through the Luce Scholars Program. The scholarships are for one year of "study, work, and travel in the countries of East Asia."

Interested parties should contact Dr. David Elliot (x1058) for further information.

Smooty MudeoMobile



A MYSTERIOUS YOUNG MAN hides behind dark glasses, as he begins construction of the Olympic-size Cross McColum Swimming Pool at the former site of Throop Hall. Photo by Peisner

Midwest Committee

The Midwest Committee has decided to circulate a petition (see page 7) among the Caltech community. It is also working with other campus organizations in establishing a Midwest information booth. Latest news bulletins will be available.

AFROTC Briefing

Lt. Miceli of Wright-Patterson AFB will be at the Caltech detachment on San Pasqual St. to talk about his scientific work in the Air Force. The time is 7:30 p.m.; the date is Wednesday, October 17, 1973. Everyone is welcome.

Abominable Sailors Live At Tech

The Abominable Sailors of Caltech finished third in the year's first college sailing event, just behind Berkely and Stanford.

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Editorial

Eating It Big

It is becoming clear that the Institute has no intention to subsidize waited meals in the student houses, and that the cost of such meals at a campus this small is prohibitive for many (if not most) Techers. [See related article on page 3.] While we feel that it is deplorable that the Institute is taking such a hard-nosed attitude about the student houses, and yet simultaneously is subsidizing the Athenaeum with \$100,000/year, the question now is what do we do about it.

First of all, we suggest further pressure on the powers-that-be. This includes petitions, letters, and even visits to the responsible parties. (It has been frequently demonstrated that this can be effective in changing Institute decisions.) The best place to start would be with Dr. David Smith, Master of Student Houses. The functioning of houses as social bodies falls within his domain, and it is that aspect of the houses that is seriously jeopardized by the lack of waited meals.

Failing any aid from the Institute, it will be incumbent upon the students to take matters into their own hands. It has been demonstrated by several of the houses that it is possible for members of a house to prepare a meal for less than it costs to buy food from R&R or from an outside caterer. This requires a considerable amount of work, but pays off in terms of lowered cost and increased food quality.

History has shown that Techers can bring about changes in the Institute structure. If we are forced to eat over-priced, raunchy food it will be because we did not take the trouble to get anything better.

—Eric H. Eichorn
Gavin D. Claypool
Dennis L. Mallonee

The California Tech welcomes contributions from members of the Caltech Community. The deadline for letters to the editor, news briefs, and unsolicited articles is noon Wednesday. Exceptions can be made in certain cases, if an editor is notified previous to the deadline. The editors reserve the right to edit any contributions, including letters—provided such editing does not change the meaning of the communication.

San Pasqual

Continued from Page One

familiar, IBM trolls?) in and around the Throop site this summer. This included the replacement of aging subterranean utility lines, which reduced the costly possibility of digging up the completed Throop site in the future due to a utility failure. The Institute also arranged to have the excess dirt from the various construction sites around campus dumped between Thomas

and Guggenheim to provide easy access to a source of fill for the Throop site.

By November 1, work should begin on the site, including the cascading brook, three ponds, and plenty of grass and trees. The ground cover between Thomas and Guggenheim will be replaced and Greasy Street will be removed to make way for a pedestrian walkway and more grass.

The entire Throop site project will be a reality by the middle of March.

THE ASCIT FRIDAY NIGHT MOVIE

Harold and Maude

at 7:30 and 9:30 p.m.

in 153 NOYES

Admission: 50¢—ASCIT members and their guests; \$1.00—anyone else

Next Week: CAMELOT

THE CALTECH FORUM

May I use Ed Schroeder's letter in your last edition as an occasion to try to explain to your readers what the Committee for Art Acquisitions and Placement (or whatever it is called) has been up to and what it is trying to do? But first, may I react to a few things he has to say? "Who," he asks, "do Dr. Smith and his Committee think they are, to apparently assume the Throne of Judgment of stuff Culture down the throats of the yahoos in the student body." Goodness! I'm sorry that he thinks there are yahoos in the student body. We certainly didn't have anything like that in mind; and somehow I never thought of installing a piece of sculpture as culture stuffing. In any event, if we are only apparently assuming the Throne and doing all those other things, then the situation can't be all that bad. But, to the task. Let me try to dispel some of the misapprehensions floating around. We do not have vast quantities of money which we spend as the result of committee whim. There is an occasional specific sum, usually a gift, such as the money collected by Harvey Eagleson's friends. There is no way that we can blow \$125,000.00 on a sculpture by Henry Moore or David Smith (yes, you heard right). Not having the money we must seek out the works themselves, either as gifts or, as is usually the case when the artist himself is involved, as long-term loans. In some degree our present function is almost a negative one, that is we are there to reject second and third rate works, gifts given as the result of an attic cleaning, Venuses with clocks in their bellies. The elitism that Ed Schroeder objected to (a wonderfully crazy accusation at a place like Caltech) may or may not exist, but we do try to maintain high standards. We have, of course, made a considerable effort to find works, and for that reason the "elitism" of the committee has come in handy.

Mr. Steinmetz, himself a collector, knows who many of the other collectors are and knows personally a good many first-rate sculptors. Rather than elitism, I prefer to think of it as expertise or as familiarity with the terrain. I might add that having the Baxter Gallery has been helpful in making our interest known. The Casanova and Zajac sculptures have come to us as a result.

I am sure that I can speak for Mr. Steinmetz when I say that the committee's aim is to gather an eclectic collection. We are interested in Quality (elitism rearing its chiseled profile again) but are not persuaded by any one school. I have been asked (the asker asserted that Caltech students only liked naturalistic works) why we didn't waive a work by Rodin. I refer you back to why we don't have a Henry Moore, or a David Smith, or, for that matter, a da Vinci, Michelangelo, Matisse, Picasso, Calder. If any of you knows about a Rodin (or Maillol, Degas, Voukos, Lipschitz, Brancusi) that we might get as a gift or as a loan, please let the committee know. In any event, I think that it is obvious that no one object, even ones that time and history have forced us to look upon with piety and sanctimony, can please everyone. And as the octagon flap has proved, even a work condemned by some has its admirers, Ed Schroeder amongst a good many others here at Caltech. Hence the need for eclecticism.

I hope that we can eventually achieve a large enough variety that anyone who cares can find in it something to like. I am disappointed that we weren't able to have at least two other works installed by the time school opened, for the sculptures by Aldo Casanova and Sorel Etrog that we have are not only different from one another, but very different in feeling from the De Lap. But we had not the money to do it.

Once we have acquired a

sculpture, there arises the question of where to put it (stuff it?). Ed objects to the use of the Winnett area because it is an undergrad area. It is true that undergrads use it a great deal; and, as a consequence, when this project first got under way, we consulted a number of students, house presidents and others, about the possibility of placing some sculptures in the Winnett area. We also felt that the Winnett area could be improved in ways which would help it as a location for sculpture while at the same time (making) it a better place for student gatherings. As a result, Mr. Dreyfuss (who hated concrete) and Mr. Steinmetz and I met with the campus architects and with the consulting architects who were then redesigning the campus and worked out plans to remove the juniper and rose bushes from the center of the plaza and to mound up the area so that people could actually sit out in front of speakers or musicians, who have always performed on the south side of Winnett. Again, a number of students were interviewed, and they approved. But one of the reasons that we on the committee chose the Winnett area as a place to start was that it is not exclusively a student area. It is, in fact, the crossroads of the community. Secretaries, grad students, technicians, faculty, undergrads all can be seen having their lunches out there. Anyone

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The CALIFORNIA Tech

Friday, October 12, 1973

Volume LXXV Number 4

Published weekly except during vacation and examination periods by the Associated Students of the California Institute of Technology, Inc. The opinions expressed in all articles herein are strictly those of the authors and do not necessarily reflect those of the editors or of the corporation. All rights reserved.

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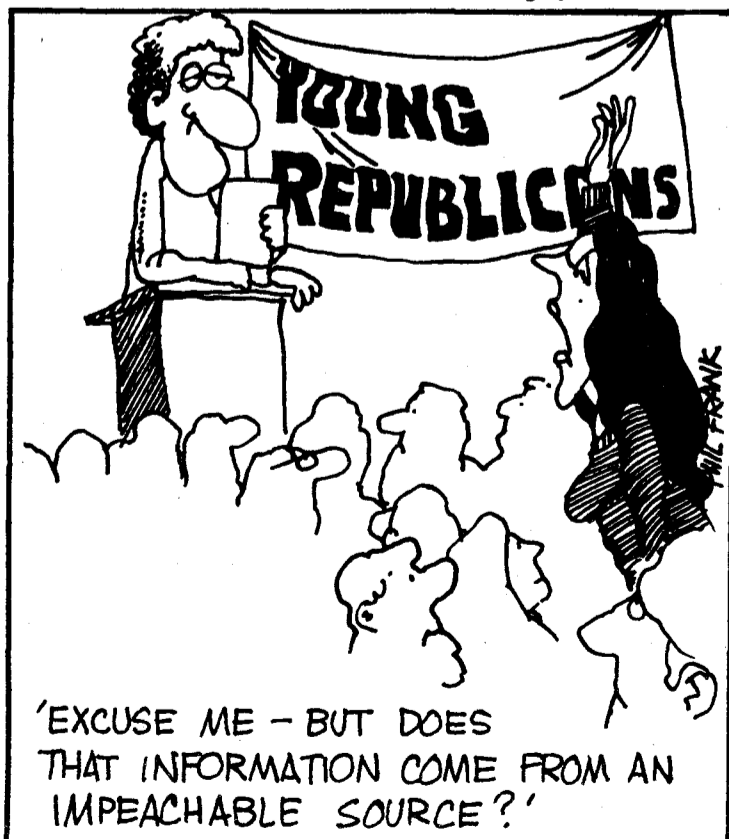
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The California Tech Publication Office: 115 Winnett Center 105-51, California Institute of Technology, 1201 East California Boulevard, Pasadena, California 91109. Telephone: (213) 795-6811, x2154. Printed by News-Type Service, 1506 Gardena Avenue, Glendale, California. Represented for national advertising purposes by National Educational Advertising Services, Inc. Second class postage paid at Pasadena, California.

Subscriptions: ... \$1.50 per term
\$4.00 per year
\$100 per life

FRANKLY SPEAKING... by phil frank



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We're Hungry

Let Me Say This About That...

by Mark R. Johnson

Now that rotation dinners are over and it seems clear that the Institute isn't going to sponsor any more house meals, we are all faced with the question, "What do we do now?" Last year, when the point was made to the Institute administration that dinners were the focal point of house activities, the powers-that-be considered and rejected a request to subsidize house dinners on the grounds that there are other available activities which could serve as focal points (house meetings, athletics, coffee

hours, etc.).

Since the Institute refused the responsibility of feeding the students, (although the subject should be raised again), that leaves all of the students to handle the problems of feeding themselves. Some houses are arranging sit-down dinners three or four times a week, others for only once a week, and others are planning dinners twice a month. To my knowledge, none of the houses are planning house meals for breakfast or lunch. So where do we eat? There's the Greasy (\$1.03 will buy a tuna fish

sandwich and a grape drink), there's the ASCIT coffee-house, and the off-campus restaurants which usually seem to give a better deal than Chandler. And, of course, there are the kitchenettes. Each house has at least one, and six more are to be built during the coming weeks. But are we really expected to use the kitchenettes? Consider the following for a moment. It's dinner time. You go to the refrigerator, dig your hamburger out from under the radishes someone has piled on top of it (you're lucky it wasn't a six-pack of 7-Up!), mold it into a patty, and put it in the oven. Then you proceed to get a plate, a bun, mayonnaise and mustard. Now, where do you eat? In the kitchenette standing next to the counter? In your room? Maybe you'll just walk to the dining room and sit there. By that time, dinner should be good and cold. Even worse, it won't be long before all sorts of unwanted hairy multi-legged crea-

tures learn where they can find scraps of food.

The point is that eventually it will have to be realized that the loss of meals constitutes a fundamental change in house structure. Either the houses will become dormitories, or we should consider reverting to a different type of house unit, such as alleys which could evolve into suites, complete with kitchens and dining room/lounges. However, this alternative is expensive; say seven kitchens per house at \$5,000 per year. For seven houses that's equivalent to an initial investment of \$250,000 for kitchens plus the income from \$750,000 of endowment. In comparison, the \$18,000 a year (income from \$136,000 of endowment) it would cost to subsidize house meals (with volunteer waiters) looks very small.

It is time for the Institute to face its responsibility and offer some real alternatives.

MS—quotes

by Mary Beth Ogilvie

Language can be a very powerful tool or a weapon, depending on how it is used, and it has and is being used for the degradation of the female sex. Our use of language in many ways denies that women even exist, or discounts their presence, forcing them always into the shadow of men. For example, a letter to an unknown group usually begins, "Gentlemen: " It is assumed that there are no women in the group, or if there are, their presence is ignored. The names of many professions presuppose that the job is being filled by a man, such as congressman, milkman, mailman. But even titles which do not contain the word *man* are assumed to apply to men. The

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Model U.N.

Continued from Page One

year's session, EC 125, Economics of International Relations. If anyone is interested in finding out more about the Model United Nations, please contact Brian Yandell, Alan Shiller, or Bruce Mickle, or talk to Dr. Oliver.

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Cinematech

Bergman Festival

This Saturday evening, Cinematech presents two films by Swedish director Ingmar Bergman. *Smiles of a Summer Night*, Bergman's "exquisite carnal comedy" and winner of the Grand Prize for Best Comedy at the Cannes Film Festival, will screen first; *The Virgin Spring* (Academy Award for Best Foreign Film) will follow intermission. Both films are in Swedish with English subtitles. The show begins at 8 p.m. in

Baxter Lecture Hall (above Ramo); \$1. admission includes free refreshments.

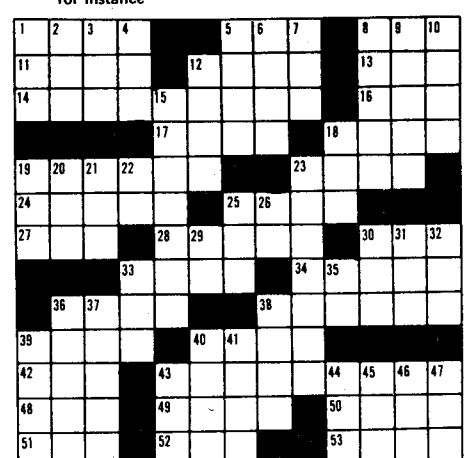
crossword puzzle

- ACROSS
- At the pinnacle
 - Duct
 - For each
 - The --- of Orleans
 - Struck with a light, splashing sound (var.)
 - Old French coin
 - Birthstone
 - Canadian province (ab.)
 - No part
 - Dreary
 - Birthstone
 - Blockhead
 - Caribbean island
 - Skidded
 - and tucker
 - Dance
 - Dennis the Menace, for one
 - Alaskan island
 - Jim Ryun, for example
 - Engrave
 - Short, open vest
 - Plant of the lily family
 - Blessing
 - Drink little by little
 - Abandoned child
 - Actress Lupino
 - Otherwise
 - Carry out
 - Turkish cap
 - Know (arch.)
 - Boorish person

- DOWN
- Amount (ab.)
 - Greek letter
 - Hear (Sp.)
 - On the double (ab.)
 - Song: "You're so ----"
 - Part of a church
 - Mère Eglise
 - Birthstone
 - Brilliant success
 - Birthstone
 - Money (coll.)
 - Discover
 - Supreme being
 - Chatter (coll.)
 - Jackie's husband
 - Massage
 - Note well (ab.)
 - Birthstone
 - Southern Methodist University (ab.)
 - Pound (ab.)
 - University of Texas (ab.)
 - de la Cité
 - Sea in Cherbourg
 - Joe Namath, for instance
 - Playing card
 - Duce
 - Suppress
 - Birthstone
 - Tibia or femur
 - As though (two words)
 - Kind of knife
 - Eject
 - Of small number
 - Daily record
 - Nigerian tribe
 - Combining form: recent
 - Swindle

Answer to Puzzle No. 111

PEW	KING	RALE
UTI	ESAU	ADEN
RUG	COOL	GONG
RIGGS	MART	
LA	AIR	IRAN
APES	TES	OMAHA
SE	VAS	BEE
HEMAN	FOR	ABE
ERIC	ELK	AL
	COVE	LAVER
MANIFESTO	LINE	
ORAN	RHOS	NIT
ACNE	TYPE	EDE



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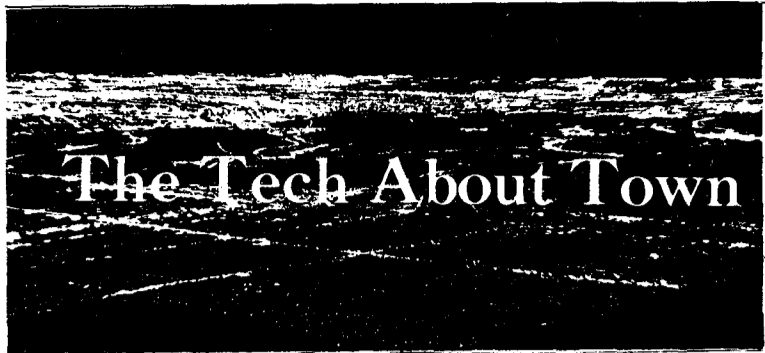
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by Peter W. Beckman

This week's big event is the opening, Tuesday, of *Cyrano de Bergerac*, starring Richard Chamberlain, at the Ahmanson Theatre. Following custom, the Ahmanson is offering a bewildering variety of group and student discounts for both regular and preview performances. Student rush tickets will be on sale for \$2.50 a half-hour before each performance. For general information please call 626-7211.

The other major theatrical opening is *Lorelei* starring Carol Channing which began Wednesday at the Shubert Theatre. This adaptation of *Gentlemen Prefer Blondes* features new music by Jule Styne and new lyrics by Betty Comden and Adolf Green. Tickets range from \$10.50 to \$5.00 depending on day and performance. Call 553-9000 for more information.

Music!!!!

The Los Angeles Philharmonic's fall season at the Dorothy Chandler Pavilion begins in two weeks with an all Mahler program that includes his first symphony. The following week they will perform Shostakovich's first symphony as well as pieces by Tchaikovsky, Debussy and Stravinsky. Tickets are \$9.50 to \$2.50.

Of course, our own Beckman

Auditorium offers an exceptional treat this weekend. Peter Schickel will repeat his performance of the works of the (in)famous P.D.Q. Bach that earned him and his group a standing ovation last year. There are still a few tickets left, but they're going fast. Remember Caltech students get a 20% discount on regular tickets.

Music????

Packaged music freaks will be happy to learn that Gilbert O'Sullivan will perform this Sunday at 8:30 p.m. in the Dorothy Chandler Pavilion. Tickets are \$8., \$7., \$6., & \$5. depending on how strong your stomach is.

But cheer up, the Steve Miller Band will be appearing at Cal State Long Beach the same evening. They will give two shows, one at 7:30 p.m. and one at 10:30 p.m. Tickets are \$3.00 in advance or \$4.00 at the door.

Tuesday at 7 and 10 p.m. B. B. King and the The Ice House Blues Band will sing at UCLA's Royce Hall. Tickets are \$5., \$4., and \$3. The Long Beach Arena will be the site of a concert by J. Geils Band and Slade October 21. All seats are \$5.50.

Clubs

Perverts arise!!!!

Learn to Sail Join the Yacht Club

by Marc Donner

Yacht Club is often regarded as equivalent to or synonymous with lots of money. One has to pay for all the extravagant boats and parties that always seem to be going on in these places. Fortunately for college students (who are notoriously short of the wherewithal to enjoy these benefits and equally notoriously long on the desire to enjoy them) an organization has been formed which gains members the benefits of Yacht Club membership, but at only about one tenth the cost.

A group of USC and CSUN students (needless to say, poor) got together with the Occasional Yacht Club at Marina Del Rey in Venice and made a special deal with them. University students and faculty can now enjoy the privileges of full membership at a yearly cost of \$10. Available to members of the Intercollegiate Yacht Club are numerous sailboats ranging in size from 22 to 44 feet.

The rates claim to be reasonable or more than reasonable according to the Intercollegiate Yacht Club information, though they present no contrasting rates. Non-sailors can join the Club and learn to sail at ridiculously small fees (\$9) and sailors can rent the Club's boats. All members are subject to a series of social events sponsored by the Club (including a trip to watch the July 4 fireworks from the SM pier).

The IYC has members on the
Continued on Page Eight



The Don Ellis concert last Saturday had many of the aspects of a major rock concert with the two important exceptions that he didn't play rock, and it was in Beckman Auditorium.

Ellis and his band played essentially the same sort of Jazz-rock style that I heard him play six years ago — but there is a key difference. In those days Ellis was an experimenter playing around with new ideas in chord combinations and rhythm patterns. He had just had a new trumpet made for him with a fourth valve which enabled him to play in quarter steps and 23-note chromatic scales. Now, with two movie scores, a number of albums, and some big appear-

ances behind him, he seems somewhat more conservative. He still has the same excitement about his playing that he did before, but age has given him a much tighter, more together sound. His group plays with a really clean, solid sound that is definitely jazz but always bordering on rock.

The audience in Beckman was amazing. Although the mean age was lower than usual, there was still a large number of people over forty. During the first half, the audience was highly appreciative, but normal until the last number before the intermission, *The Pussywiggles Stomp* ("it leaves such a good taste in your mouth"). The audience began to
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BLACK OLIVE	1.80	2.40	3.10
ANCHOVY	1.80	2.40	3.10
GROUND BEEF	1.80	2.40	3.10
MUSHROOM	1.80	2.40	3.10
PEPPERONI	1.80	2.40	3.10
SAUSAGE	1.80	2.40	3.10
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(With quart of meat sauce. Serves 5 or more adults)

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DINNER SALAD (for two) (Italian Dressing)	.50
FAMILY ANTIPASTO	2.50
MANACOTTI (Two)	1.50
DISH OF SPAGHETTI, Meat Sauce, serves 1	1.10
MEAT BALLS (each)	.25
RAVIOLI with Meat Sauce - serves 1	1.30
LASAGNA with Meat Sauce - serves 1	1.65
MEATBALL SANDWICH	.90
SAUSAGE SANDWICH	.90
SUBMARINE SANDWICH	.90
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Everyone has a way of saying who they are, be it poetry, art, or some other form of creation. Casey Anderson uses his music to speak. Lately he's been doing a lot of country music, and his spirit and life come through his songs. He's at the Ice House this week, and the show is well worth seeing. His act is polished, but

not dull. Songs such as "Me and Bobby McGee" and "Take Me Home Country Roads" speak to you in a way that is Casey Anderson's own. His own songs, like "Deer Crossing" and "Time For The Worm To Turn" only add to the power of his message. Then he puts down his guitar and starts frailing on his banjo, playing some of the old favorites, like "Casey Jones" and "Cripple Creek." He truly is (as introduced) a thorn in Charlie Pride's side.

James Lee Reeves is a newcomer to the Ice House, but has a definite future there and other places. With his sister Maria on piano and organ, he sings and plays guitar with such force that he keeps a second guitar on hand on stage to use if he breaks a string, as he is prone to doing. His songs range from honky tonk to blues like "Wasted Over You" to lonely, hard songs like "Lone Lady." He stands on stage like a little boy between songs, but is quite entertaining in this act.

This act is one to look for in the future.

Father Guido Sarducci, on the other hand, is a stand-up comic "from the Vatican newspaper" whose material is perhaps too timely. He got on stage and sort of died, because his material was too true to be really funny. His comments on current events hit too hard to really laugh, as he speaks of the 6 presidents between 1974 and 1980, the Middle East war, and Watergate

Continued on Page Seven

I WAS IN LOVE WITH A GIRL NAMED CATHY. I KILLED HER.



"It was last summer, and I was 18. Cathy was 18 too. It was the happiest summer of my life. I had never been that happy before. I haven't been that happy since. And I know I'll never be that happy again. It was warm and beautiful and so we bought a few bottles of wine and drove to the country to celebrate the night. We drank the wine and looked at the stars and held each other and laughed. It must have been the stars and the wine and the warm wind. Nobody else was on the road. The top was down, and we were singing and I didn't even see the tree until I hit it."

Every year 8,000 American people between the ages of 15 and 25 are killed in alcohol related crashes. That's more than combat. More than drugs. More than suicide. More than cancer.

The people on this page are not real. But what happened to them is very real.

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**STOP DRIVING DRUNK.
STOP KILLING EACH OTHER.**



News Briefs

Continued from Page One

ford, beating UCLA! Despite our attempts, no more upperclassmen will join: trolls hate water, and grad students are still ineligible in PCIYRA events, so think about it frosh. Contact Paul Gazis 133 Lloyd, or Martin Teintze OC Ruddock, NOW, in time for the next regatta.

Organizational Meeting For The Big T

There will be an organizational meeting for the 1973-74 edition of *The Big T* Monday afternoon at 4:30 in the Student Publications offices (in Winnett).

Show Up and Be in the Dark

There will be a meeting for all those interested in being photographers for either this year's *Big T* or the *California Tech* today (Friday) at 12:30 in 128 Baxter. If you can't be there, leave a message in Winnett.

Registered Voter Needed Desperately

I'm really desperate for a registered voter from this precinct to work on Nov. 6, Tuesday, from 6:45 a.m. to 8:30 p.m. Pay is \$20. See Flora in Winnett Office.

Recycling Pays!

CEAC recycling center needs workers for this Saturday, morning and afternoon. \$2.00/hour for solid labor.

"Let Them Eat Cake"

by JoAnne DeBenedittis

The ice cream social was as refreshing as an oasis in the dessert. Held in the garden of the home of Dr. and Mrs. Harold Brown, Wednesday's gastronomical delight was attended by a majority of the freshman class and transfer students, as well as the upperclass counselors and numerous members of the faculty. Included on the menu were delicious cake, scrumptious ice cream, and a tangy punch. The evening concluded with Dr. Brown welcoming all the new students, but a good time was had by all.

More Runoffs Tuesday

Final runoffs for the offices of Junior Class President and Vice President will be held next Tuesday. Running for the position of head judge at the Mudeo are Lou Scheffer and incumbent Rik Smoody. Dave Novikoff and Pat Sitton are the candidates for the v.p. post.

Members of the Class of 1975 can vote in student houses between 11:30 p.m. and 1 p.m., and in Flora's office in Winnett from 11 a.m. to 4 p.m. In accordance with BOD resolutions, the person receiving the greatest number of votes will be elected.

EQL

Continued from Page One

coherent framework within which interrelationships become apparent. Says Dr. Lester Lees, director of EQL, "Our function is primarily to bring the message to the people. We are a policy-oriented organization — we cannot advocate any course of action — but instead follow through alternatives and present them. We try to let the facts speak for themselves."

The extremely broad spectrum of interest of the EQL has resulted in a number of widespread projects under the auspices of the EQL. One example is the Clean Air Car project, managed by a group of Caltech undergraduates; another is a proposed cooperative program between the EQL, Jet Propulsion Laboratory, and the Southern California Gas Company that involves as one component the development of prototype gas-assisted solar water heaters for residential dwellings.

Immediacy and Importance

To approach strategic environmental and social issues with an interdisciplinary team is somewhat of a novel venture. The problems initially selected by the EQL for study were chosen in part because of their characteristics of immediacy and importance, so as to provide an evaluation of the success of this new venture. Successful initial

studies could then furnish a basis for proceeding to more complex and longer-range problems.

The major theme of the EQL is application of the technical resources of Caltech, RAND, the JPL and the Aerospace Corporation to the ecological problems of today. In the words of Dr. Kenneth Heitner, "The EQL ties basic research with the outside world."

Language

Continued from Page Three

words doctor, lawyer, professor, machinist, plumber automatically imply *male* and a woman in one of these professions must be specifically denoted as a *woman* doctor, *woman* lawyer, etc. A third example is the use of the word *man* to denote the human race.

Another oppressive use of language is in relation to a woman's marital status. When a woman gets married, she changes her name from her father's name to her husband's name (in some states this change is required by law); and she becomes a *wife*. All her social relations change. She is addressed as *Mrs.* instead of *Miss*, informing all interested males that she is someone else's

IH Softball Standings

Dabney	.....	2 0	1.000
Blacker	.....	2 1	.667
Page	.....	1 1	.500
Ricketts	.....	1 1	.500
Ruddock	.....	1 1	.500
Lloyd	.....	1 2	.333
Fleming	.....	0 2	.000

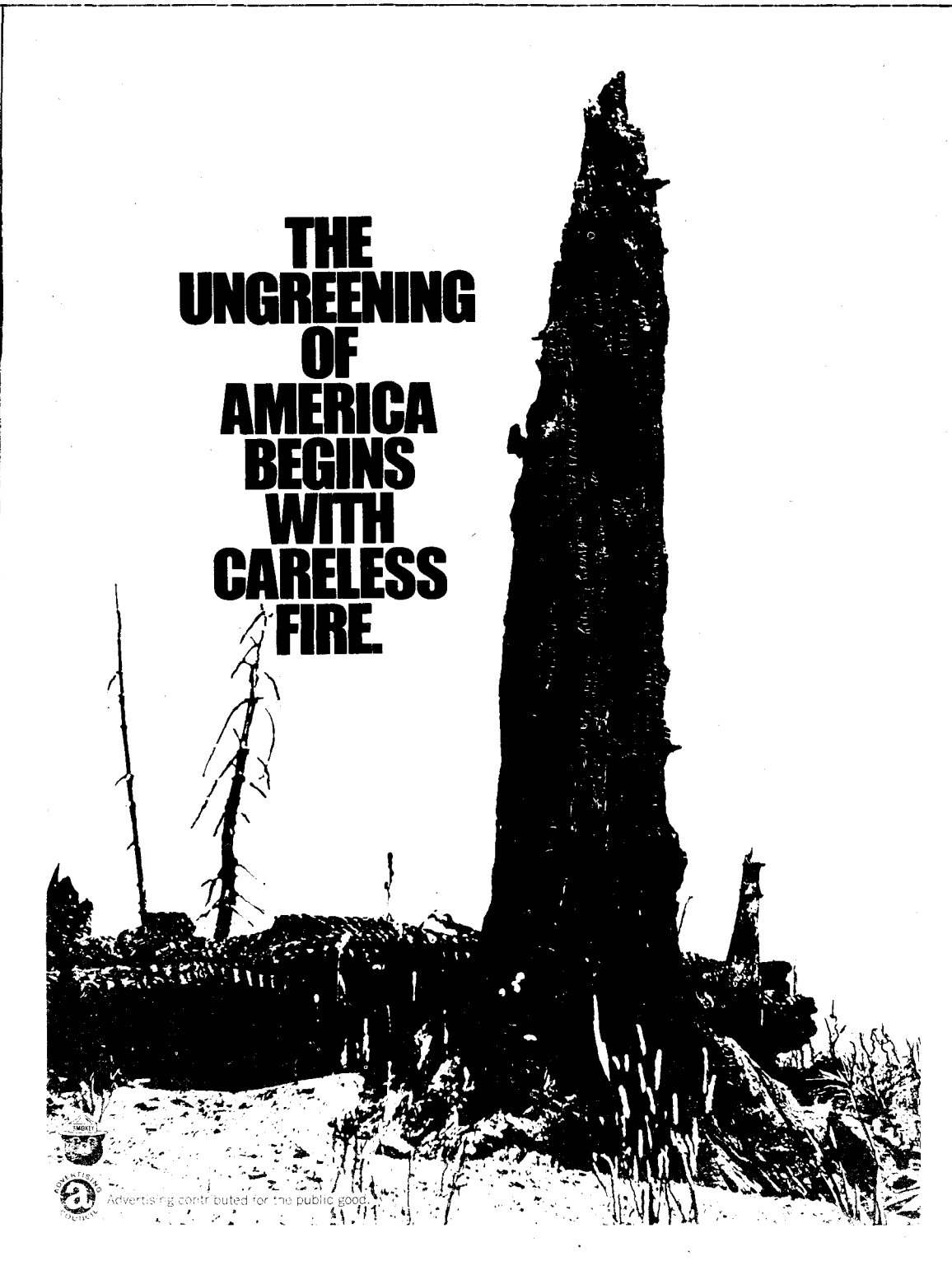
property and not available. A man, however, remains a man whether he is married or not ("I now pronounce you *man* and *wife*.") and is not required to reveal his marital status in the way he is addressed. If he chooses not to marry, he has the dignified status of bachelor; a woman who doesn't marry becomes an *old maid* or a *spinster*, and an object of ridicule or pity.

Audience

Continued from Page Four

go crazy. During the second half, people began clapping along with the music, whistling, and generally carrying on in a manner unlike the usual Beckman audience. Ellis was called back for two encores, while the audience boogied in the aisles.

—John Middlebrooks



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TECH Sports

Soccer

The Good Guys Win

by Bill O'Meara

The mighty Caltech soccer squad crushed LaVerne 4-0 in SCIAC soccer competition on Wednesday, as Pete Groom, a Dabney junior, slammed in two goals. Soccer fans will remember this as a repeat of the performance that Groom made in his freshman year. Captain John Dilles, a Fleming sophomore, scored the other Beaver goal, as well as assisting on a shot which deflected off a La Verne player and then into the net.

Tech's first official goal came in the initial period of play on the above mentioned deflected shot. Groom's goal soon gave Tech a 2-0 lead at halftime. Hard-kicking Dilles slammed the ball off the opposing goalie, scoring on an indirect kick (following a LaVerne infraction). With but five minutes to go, Groom drove in the final goal, giving Tech a 4-0 victory.

Wednesday's game was Caltech's first road soccer victory in three seasons. After the loss to Whittier, Coach Cameron commented, "These men played with

more courage and determination than any other Caltech team that I have seen."

The Whittier Game

Whittier defeated Caltech 3-0 last Saturday in a closely fought soccer match. The first forty-five minute half was scoreless, with Tech's defense showing substantial improvement from earlier matches. A free kick after a Tech foul earned the first Poet goal fifteen minutes into the final half. Whittier scored twice more, once on a breakaway, and another time with a long angle shot.

Tech was not blown off the field in this game, as the defense and offense both played well against Whittier. In shots on goal, Whittier led by a 17-2 margin.

Frets & Frails

Continued from Page Five in general. Sometimes reality isn't what is needed.

This week is one where the acts speak to the audience, in their own ways. The show is good. It plays until October 14.

-Karl Kuhlmann

Water Polo

Only Seven Left?

by I. M. Wett

The Caltech water polo team lost three more games last weekend, two by identical 1-0 scores (these games were forfeited). The other loss was a 14-4 rout at the hands of Cal State L.A.

These three games occurred (or failed to occur) at the Chapman Tournament, held last Friday and Saturday at Fullerton College. (Chapman College hosted the tournament but had to use FC's pool because they ran out of water or chlorine or possibly fish food at Chapman.)

The Caltech Nine

Nine Techers, including coach and manager/scorekeeper/substitute, went to Friday's game against CSULA. The seven who

played the whole game expected to get routed, and they were not disappointed. Cal State's first and second teams built up a 10-0 halftime score and their third string added 4 more goals in the second half.

Russ Desiderio scored three of Tech's goals, including one on a half-court shot which caught Cal State's goalie napping. Bob Kieckhefer added Tech's other goal in a man-advantage situation, but nearly nullified this effort with a well-placed lob shot toward his own goal. One of goalie Virgil Shields' many saves of the afternoon came on this errant pass.

Rowson Wasn't There

Those who believe that "it's how you play the game that counts" should consider Tech to

have won the Cal State game by a wide margin, as the tankmen committed only five fouls. This total, which is Caltech's lowest for any game this decade and probably in Tech's history of water polo competition, may have been due to the absence of a few of Tech's notable hatchmen. It may also be evidence that the Cal State swimmers were always a body-length ahead of their Tech counterparts, for it is difficult to foul an opponent if he is more than an arm's length away.

The Cal State game marked the end of Tech's participation in the Chapman Tournament. The next day the Caltech Nine became the Caltech Seven, including coach/manager/scorekeeper, when injury, larynx labor, rocks, and Saturday School deprived the team of more of its members.

Caltech Tournament

The team needs to be back at full strength this coming week, when they will play six games in eight days. Tomorrow the Caltech Tournament will be held from 9 to 3 at the Alumni Pool. Teams from Loyola, Chapman, and UC San Diego will compete with Tech for the first-place trophy.

After a day off on Sunday, the tankmen will play PCC on Monday. If you were here in 1972, you may recall that PCC was the last team to lose to the Tech tankmen; they have not lost many since then, however. SCIAC competition starts Wednesday against Claremont-Mudd.

Football

Gridders Fall Short

by Robert Doublin

Friday, Caltech's football team again failed to win, but you can't say they didn't try. The final score was Whittier J.V. 27, Caltech 20. For three-and-a-half quarters, the game belonged to Whittier. Then with 5:30 left in the game, Caltech was fired up by the passes of quarterback Norm Nelson and scored 20 points. For a while it looked like the game might have been pulled out.

The first touchdown occurred when Norm Nelson threw a

50-yard bomb to John Steubs. Two minutes later the ball was recovered and Nelson threw another bomb; 45 yards this time to Greg Hoyt. Nelson and Hoyt then combined for a two-point conversion. The third touchdown was scored by John Steubs who intercepted a Whittier pass and ran 51 yards for a touchdown.

In this game Tech fumbled six times and lost five of them. This is essentially what kept Tech from scoring. Hopefully we'll do better this week.

Urgent — War in Mideast

To: the United States Senate
the U.S. House of Representatives
President Nixon
Secretary of State Kissinger

As students, faculty, and staff members of the California Institute of Technology, we condemn the massive surprise attacks by Egypt and Syria against Israel on October 6, 1973 (Yom Kippur, the holiest day of the Jewish year). We deplore the irresponsibility of those Arab leaders who have caused the wanton destruction of human life. We sympathize with those who have died and will die in this needless conflict. We urge that the United States continue to assist Israel in her struggle for survival, and trust that the U.S. Government will not be blackmailed into establishing a foreign policy dictated by oil-rich nations. We also urge that the U.S. work toward the establishment of an equitable peace with secure and recognized boundaries between Israel and her neighbors.

Signed,

Time Means Lives!

return *immediately* to:

**Mideast Committee
Winnett 1-99**

Support is needed NOW!



PETE GROOM scored two goals to lead Beaver booters to a 4-0 victory.

Miracles Happen

by Steve Kellogg

"A what? Surely you jest. Caltech victory?? Impossible! A winning streak???"*

Caltech's depth-laden cross country team ran to a tough 27-29 victory over the University of Redlands and a 17-42 breezing win over La Verne in a conference meet held two weeks ago.

Redlands' talented duo of Jim Ramer and Randy Spotts

finished one-two with identical times of 26:05.5—a new course record for the 4.9 mile loop. Caltech claimed the next three spots with veteran junior Greg Griffin taking third, followed by freshman Rick Debus and senior Alan Kleinsasser. A trio of freshmen (Steve Kellogg, Joe Arpaia, and Dave Blum) further broke up Redland's scoring contingent to yield the Caltech victory.

Last Saturday, Caltech broke even in a second double dual meet held on the wet grass of La Mirada Regional Park. In a nonconference contest, the team bowed to a much stronger Cal Lutheran squad by a score of 20-35, and edged Biola 26-29. The team's showing was much better than the scores would indicate, since Dave Blum was on a geology field trip, Rick Debus suffered from an achilles problem, Alan Kleinsasser had a bad day, and the entire team had worked out the day before in preparation for the meet with Claremont—Harvey Mudd and

Pomona this afternoon.

This early success arose out of the strong turnout, hard work, and spirited attitude of the cross country team as a whole. Under the direction of Coach Leroy Neal, the remainder of the season promises to be a bright one for the young Caltech squad. (Of course, the argument could be made that the surprising 3-1 record could be merely a random statistical fluctuation rather than a trend. At any rate keep abreast of the latest developments by reading *The California Tech*.)

*Comments of incredulity recorded at Puddingstone Dam, Sept. 29, 1973.

CEAC Holds First Meeting

CEAC held its first meeting of the school year last Wednesday, October 3. Though attendance by Caltech students was fair to middling (5), we were able to accomplish many things.

Since its inception, the recycling center has been a hindrance to efficient use of CEAC time and people. This year, we have decided to separate the center from the central operation of CEAC. A student will be in charge of management of the recycling effort, and will have the ability to pay people to work (\$2.00 an hour); he will also be

paid.

This will greatly free other people who may be interested in other aspects of the environment than recycling. Some of the ideas that came up included tree planting and reforestation, camping trips, Sierra Club book sales, and the creation of bike trails in the San Gabriel Valley.

Those of you interested in finding out more about what is happening in CEAC, contact Brian Yandell or Jim Legu. Those interested in working at the recycling center should contact Dave Larwood.

Forum

Continued from Page Two

going to the Athenaeum walks by or through it, as do about two-thirds of the undergrads. We are also mindful of other areas on campus, particularly the new ones being created by the demolition of Throop and the closing of San Pasqual. But we were seeking for the present an integrated or defined area where the installation of a few sculptures would have some visual effect. Our reason for so doing was that we feel it would be much easier to interest potential donors if we have an area that we can show them. We have even discussed the possibility of eventually moving some pieces out of the Winnett area as the collection grew larger. Mr. Dreyfuss, particularly, felt the need of putting works in the Throop and San Pasqual areas.

As for the composition of the committee, I have just received from President Brown a note saying that he thinks having a

student on it is a good idea. If any of you are interested, would you please drop by to see me? I, in my turn, will forward your names to him. In addition, if any of you has any ideas or suggestions or wants in any way to be involved, please come in and talk it over. Whatever work we have put into this has been done in the hope of making Caltech a more agreeable place. It has not been done, as Ed suggests, with the aim of causing you to gag.

—Dirty David

Yacht Club

Continued from Page Four

USC and UCLA main and medical campuses and at CSUN and they are looking for more members. They are sponsoring a yacht party Saturday night at 8 p.m. at 4635 Admiralty (way? road? something like that) in Marina Del Rey.

If you are interested in the IYC call 821-0827 or write to 2005 Vine St. Apt. 5 Alhambra 91808.

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Agnew Memorial Sports Menu

Friday, October 12			
4:00 p.m.	Football	Claremont—Mudd JV	Home
4:00 p.m.	Cross Country	Whittier & Claremont—Mudd	at Claremont
Saturday, October 13			
9 to 3	Caltech Invitational Water Polo Tournament		
10:00 a.m.	Soccer	Redlands	Home
Monday, October 15			
4:00 p.m.	Water Polo	Pasadena City College	Home
Wednesday, October 17			
3:00 p.m.	Soccer	Occidental	Home
4:00 p.m.	Water Polo	Claremont—Mudd	Home
Friday, October 19			
4:00 p.m.	Cross Country	Pomona—Pitzer & Occidental	Home
4:00 p.m.	Water Polo	Pomona—Pitzer	Away
Saturday, October 20			
10:00 a.m.	Soccer	Varsity vs Soccer Club	Home
10:00 a.m.	Water Polo	Varsity vs Alumni	Home
1:30 p.m.	Football	Mt. San Jacinto JC	Home
Sunday, October 21			
2:00 p.m.	World-Famous Mudeo	Frosh v. Sophs v. Juniors	Throop

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