



Charles Kowal, a 33-year-old research assistant at the Hale Observatories, has discovered what appears to be a thirteenth moon of Jupiter.

The new object was revealed on three photographic plates taken with the 48-inch Schmidt telescope at Palomar. Kowal exposed each plate for two hours on successive nights (Sept. 10-12) as part of a study to determine the actual orbits of several of Jupiter's outer moons, which are perturbed to some extent by Saturn. It was necessary to employ a smoked glass filter to reduce the glare of Jupiter to make observations of the faint moons possible.

On all three plates Kowal found an untraced point of light in addition to the identified moons. The object is extremely faint, being of twentieth magnitude. (Which, if the same albedo is assumed for this object as for the four large Galilean moons, gives the body a diameter of a few kilometers.) The fact that the object's image is untraced means only that it is moving with roughly the same orbital velocity of Jupiter—it is not conclusive evidence that the object is a satellite and not a stray asteroid. "It is more than 90% certain that the object is a satellite," Kowal notes, though.

Further observations in the next few months will determine the orbit and hence nature of the object. It is entirely possible that the faint study will detect even additional satellites.

**Lit 15 meets today!**

**12 noon**

**128 Baxter**

**All welcome...**

## News Briefs

### Make More Music for the Masses

A new chamber orchestra, conducted by Dr. Lauris Jones, is being formed. It will be open to all students, faculty, and spouses at Caltech and JPL. The first appearance of the orchestra will be in the L.A. Bach Festival, along with performers from Oxy. Auditions will be held Sunday and Monday from 4 to 6 p.m. in Dabney Lounge.

#### Photographers And Others

You, too, can become a member of the Student Darkroom, entitled to all associated honors and privileges, for the small cost of \$1.50 per term. See Rich



ENTHUSIASTIC FROSH continue Caltech tradition by oceaning the Camp Fox Director on Catalina. More Frosh Camp photos on page 5. Photo by G. Bone

**Oh Boy, It's Camptime!**

## Frosh Shown Real Caltech

by R. Gruner

Buoyed by innocent enthusiasm, incoming freshmen and transfer students attended new student orientation on Catalina Island last week. The three-day program was again held at the Glendale YMCA's Camp Fox and was hosted by a select crew of upperclassmen and faculty. Aside from frequently cloudy skies and a few agonizingly long speeches, the camp experience provided the desired idyllic beginning to the newcomers' stay at Caltech.

The orientation expedition began on Thursday with a 3 1/2-hour bus and boat ride from Pasadena to Catalina. The transit was uneventful except for the well-received appearance of sunshine breaking through the cloudy sky during the channel crossing.

#### Worthwhile Vices

Immediately after arriving at Camp Fox the entire group was informed of the camp rules as laid down by the Glendale Y. Liquor, drugs, and unrestricted smoking were specifically prohibited according to camp director Cliff Youssi (who quickly earned the nickname of "Hitler" and later received a suitable wet congratulation for his efforts). Physics professor Ricardo Gomez

astutely observed that the camp rules still permitted a few worthwhile vices.

Thursday afternoon and most of Friday were filled with speeches and discussion group meetings. A long parade of upperclassmen and faculty introduced themselves and their duties to the campers during this period. In addition, marine biology and geology field trips and research seminars dealing with astronomy and biology highlighted the program's activities.

#### Never Say "Free"

Although it was sadly limited by the abundance of the scheduled events listed above, free time was used by many for the enjoyment of the Catalina environment. Mountain climbing, boating, fishing, swimming, diving, volleyball, football, soccer,

## Scurves Score Megagram of (Concrete) Pot

by Alan Silverstein

Twenty-five hundred pounds of concrete pot made their way into Ricketts courtyard Wednesday night, more than a year after the original marble urn was blown to bits in a spectacular potfire. The four-foot diameter steel reinforced waste disposal vessel (i.e. sewer pipe) will stand temporarily in the center of the foursquare court, until a permanent replacement of the much

more graceful but now destroyed original can be obtained.

Most of the house members, plus the more enthusiastic frosh present for rotation, turned out after dinner to play tug-of-war in order to tilt the pipe into place and center it on the pedestal, no easy task considering the mass of material involved. Thoughts of the half-keg untappable until after completion of the project no doubt spurred them on.

The pipe was procured for Ricketts by Dave Dunham of the Campus Architect's Office, to whom the house is very grateful. Physical Plant was also helpful by moving the sixteen cubic feet of concrete from Noyes to the courtyard via forklift, so it wouldn't have to be rolled downhill across campus—and possibly into the sub-basement of an intervening building or two.

The original marble pot, dating from the construction of the houses, survived forty-three years of innumerable potfires and foursquare games before being done in by a quart of gasoline on paper last September. It first showed cracking somewhere in the 1950's during a three-day fire. The engineers of then were not of today's caliber: they sprayed the pot with water to keep the outside from getting too hot, leading to its ultimate destruction.

The replacement is about a foot too tall, but it may be cut down to the height of the original.

and frisbee all enjoyed varying popularity. One person even utilized the area for a pioneering study in the field of turdology and, as one observer commented, this individual now "really has his shit together."

A talent show Friday night provided a few glimpses of outstanding musical ability and a great deal of comic relief. Highlights included Liz McLeod and Karen Maples with their accompanied version of "He's a Techer" and a quartet of blues musicians from Lloyd House.

Saturday began with an 8:15 breakfast, an assembly, and a 10:30 lunch. Well fed, the campers sadly departed Catalina, and eventually returned to the wiles of Pasadena, each as ready as possible to face the rigors of Caltech life.

## Gentlefrosh, Pick Your Houses

by Shmuel Schmuckputz

The procedure (still discriminatory) by which new students will indicate their choice of houses is as follows: men will select four houses in which they would not mind living; any

ranking of those four will be ignored. Women will rank four houses in order of preference. Any student selecting fewer than four houses will be considered to have selected all seven, as will any student who has not put in an appearance at all seven houses. The selections are to be turned in by 8 p.m. Saturday to the R.A. of the house the student visited Sunday night, or

(preferably) to the IHC Secretary, David Smallberg, who will have a rotation station set up in the Blacker lounge from 7:45 to 8:15 p.m. Saturday. The R.A.'s will be bringing the selections turned into them there anyway, so to save them some trouble and to help get the information out to the houses as quickly as possible, the rotation station is the recommended place to go.

**In case you forgot,  
there's a (free)  
DONUT FEED  
every Thursday at  
4 p.m. in Flora's office**

VERITYPER R.I.P.

Feldman at 242 Ruddock. (Or join the Tech staff—it's free.)

#### Stud Shop Meeting

There will be a Student Shop Meeting October 12. Students who have been members previously should show up at 1:00; people who wish to become members should come at 3:00. Shop elections will be held. Anyone wishing to become a committeeman, foreman, or treasurer should be there at 12:30.

#### Guitar Lessons Now Available

Daryl Denning will give lessons

without charge to beginning and intermediate students, starting Tuesday, October 8, 4 to 6 p.m. in the Instrumental Music Office, Fleming basement. Classes will be limited to twelve each. Anyone interested in private lessons on guitar for a fee may see Mr. Denning during the first meeting.

#### Pen Pal Wanted

A young German law student (University of Mainz) is seeking a pen pal. Please address letters to: Mis Doris Frenzel, 67 Ludwigshafen/Rhein, Ebertstrasse 33, (Letters in either English or German.)

# Meet Your Enemies

Good morning, frosh. This, of course, is *The California Tech* — a weekly rag provided at no immediate charge to all Tech undergrads by virtue of ASCIT dues and the people listed on the masthead. You can meet any of these fine individuals at 2 a.m. every Friday morning in 107 Winnett.

The rather tall, conservatively dressed person is Dennis Maloney. He is to blame for most of the layouts. Dennis is in his second year as an editor (for some reason) and did not write this article.

Rich Gruner is the second member of the current Tech Trio. Rich more often expresses himself through pictures rather than words, usually out of necessity. He is the first senior *The Tech* has had as an editor for a few years.

Bloodshot eyes and a contented smile indicate the third editor, SMC Sweeney. Steve writes (very occasionally) and more often babysits HAL 9000.0000001% on Wednesday evenings. His current hobbies include tempting fate and staying in his option.

Entering his fourth year of

service (of sorts) to *The Tech* is Gavin Claypool, the business manager. He is an enjoyable sort of fellow, and enjoys playing jokes on the editors such as 12-page issues during midterms week.

Chris Harcourt is the Entertainment Editor this year, since he is the only person around with an eye for culture (although he is not blessed with much himself). Greg Simay, our Features Editor, is a male chauvinist pig by profession. Ask him about the Rape of Ruddock.

C. N. Pow is Photo Editor and works with Rich Gruner in finding other people to take pictures. He may usually be found following Claypool around with a catalog of expensive photo equipment.

The Circulation Manager (i.e. paperboy) is John Dilles. John plays baseball and soccer, among other things, and may end up as sports editor before too long.

No one is sports editor right now.

The numerous accessories to this crime against the English language will not be mentioned here for their own protection.

## Throop Beat

# Adventures in Secrecyland

by E. Squirrel Mole

**Author's note:** An article in last week's Tech reported some changes in operation and staff at the Caltech Health Center. What follows is an attempt to piece together an explanation of these events from sketchy information from many sources (some of them reluctant).

Back in second term of last year massive budget cuts were announced which would in some way curtail the services offered by the Health Center. Student opinion was aroused, surveys were taken, and it was obvious that the students did not want this to happen. There followed promises and placations that everything was alright, and we needn't worry about it. It is now apparent that we should have.

All the money for student oriented services such as the Health Center, Winnett Student Center, etc. comes to the Director of Student Relations (Lyman Bonner) who divides it up and passes it on to the individual programs. Bonner was handed a major cut in his budget for this year, and was forced to pass it on to someone. The Health Center lost big.

### Health Committee Agrees

Bonner went to Ian Hunter, then Health Center Administrator, and Gregory Ketabgian, Director of Health Services, and informed them that he would need to cut their budget by \$20,000. They said that this would be alright, since it would only require elimination of RN coverage on the night shifts, or complete closure on weekends.

At this point the Faculty Health Committee was let in on what was going on. After the student survey was taken and after further study on their part, they resolved that services at the Health Center should not be reduced. Bonner was nonplussed. "That's fine but the Health Committee doesn't have any money." The committee was also somewhat annoyed that they were not consulted in the first place.

Dissatisfied with the way the Health Center administration was

handling things, Doreen Kroeger, then Nursing Supervisor, complained to the Ad Hoc Committee investigating Bonner's domain. That was in April. In early June (just before commencement, oddly enough) Kroeger was fired for "mismanagement of the nurses."

### Bonner's Money Disagreed

In the interim, the Health Center was being investigated by several parties. The Ad Hoc Committee decided that it needed outside help and called in a psychotherapist from Washington, D.C. and a doctor from USC. At roughly the same time Harold Brown sent C.J. (Neil) Pings, Vice Provost, to investigate the matter for him personally. These investigations consisted primarily of interviewing members of the Health Center staff about their impressions. Pings talked to literally every member of the staff. Reports from the committee and the individuals were made to Brown and/or Bonner.

Official information on the contents of these reports that led to one firing and one demotion was remarkably unavailable. Fortunately, Very Reliable Sources were more cooperative. We are told that it was found that while Hunter is an adequate psychologist (we'll let that pass for now), he wasn't a very good administrator. It was apparently on this basis that it was decided that he should return to "full time psychological counseling duties." Until a replacement is appointed (don't hold your breath) Bonner is acting Health Center Administrator. Ketabgian remains as Director of Health Services.

### Where is the committee . . .

We are further informed that while Kroeger was judged an excellent nurse and was found to relate to students exceptionally well, many of her fellow staff members reported difficulties in getting along with her. Therefore, apparently, it was decided that she was not the right person for the job. Whether the principal responsibility of her job was to relate to her patients, (the students), or the various staff members is open to question,

especially in view of the fact that her position has been retitled Senior Nurse, and will no longer involve the supervision of the other nurses.

That she was fired just before commencement has led to speculation that the administration was trying to avoid student objections. Such speculation is supported by the similar manner in which Peter Miller, former Dean of Admissions, was demoted (which resulted in his resignation) and the entire Caltech Security Force was fired while the student body was on vacation.

### . . . now that we need them?

The administration has denied this motive, stating that this just happened to be the time that they reached the decision that she was unfit for the job. It is worthy of note that her severance check was ready at the time she was notified of her termination (a mere four hours before she was expected to depart). Previous experiences with the Caltech payroll office suggest that they must have been notified at least a week before. It is unfortunate that Kroeger was not given similar notice.

Although she was subsequently reinstated by a grievance committee, she chose to resign her position. She has told us that although she enjoyed working with the students, and misses them very much, she could not continue to work under hostile conditions. We know that the students will miss her.

# Beatty Explains ASCIT

by Dick Beatty

It's normal for new frosh to be confused about a lot of things when they first arrive at Tech; ASCIT (the Associated Students of the California Institute of Technology, Inc.) often confuses upperclassmen who have been around for a while. Corporation dues are \$22 per year, and many wonder what this does for them.

ASCIT is student-run and will do just about whatever you want it to. So far, this has amounted to giving money to student clubs (we had revenue sharing long before Dick did), supporting athletic programs, running the Coffeehouse, putting on movies, and this past spring acquiring a 12-passenger bus (paid for by the Gnome Club, and alumni organization) for use by students. ASCIT members are entitled to a copy of this glorious newspaper (non-members have to take two), can vote in ASCIT elections, and

run for office (although it takes bribery to get elected).

There are undoubtedly other things ASCIT does that have not been mentioned here; but more important are the things that it can do that it doesn't do now. The Board of Directors (BOD) and the Executive Committee make policy-type decisions; show up at a meeting some time for a voice in democracy and free donuts (although not necessarily in that order). If there is something that you think ASCIT can do that it isn't doing, let us know and we'll probably do it. ASCIT's projects are limited only by the creativity of its members. Start thinking, people!

*the little t  
are coming*

**THE ASCIT FRIDAY NIGHT MOVIE**

**Bless the Beasts and Children**

*One showing only!* **8 p.m.**

*in Baxter Lecture Hall*

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

**Next Week:**

★★★★ **PATTON** ★★★★★

## FRANKLY SPEAKING... by phil frank

REMEMBER LAST NIGHT WHEN WE ATE THE FOUR PEANUT BUTTER AND JELLY SANDWICHES, THE CUCUMBER PIZZA, THE QUART JAR OF ANCHOVIE PASTE AND THE TWO POUND BAG OF LICORICE JELLY BEANS? WAS THAT BEFORE OR AFTER WE SMOKED THAT DOPE?



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## Glee Club

## Talking With Olaf

by Greg Simay

His face wrinkles into a thousand expressions: agony at an off-key note, ecstasy at a well-sung piece. Professor Olaf Frodsham has been coaxing the virile sound from the Men's Glee Club for 21 years. From modest beginnings, the Men's Glee Club has emerged as a highly regarded chorus and a big asset for Caltech.

Olaf Frodsham is an Occidental Professor of Education and an honorary Caltech alumnus. In the following interview, he describes the activities and spirit of the Men's Glee Club.

**Tech: Olaf, why do you spend so much time with Techers?**

Frodsham: I'm doing what I want to do: work with male voices. While other male choruses are folding up, the Caltech Men's Glee Club is well-established. Also, I wouldn't want to develop another male chorus from scratch.

**Tech: Is teaching them to sing difficult?**

Frodsham: Techers are very teachable. The late Prof. Hunter Mead persuaded me to come here saying "If these men can learn science, they can learn music." and they do.

Most Glee Clubbers have had no previous choral experience and I train them in a very unorthodox manner. They must submit to stomach punching,

thyroid manipulation, and facial massage. And in a short time a man suddenly finds he has a very big virile sounding instrument. If he wishes, he can further develop his voice during my free voice lessons.

**Tech: If most Techers haven't sung before coming here, what motivates them to join your Glee Club?**

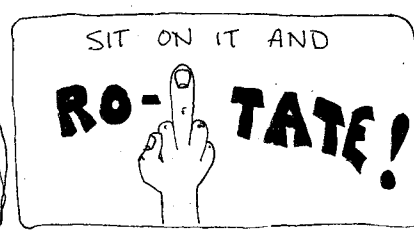
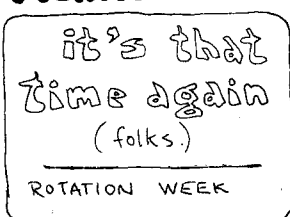
Frodsham: A few years ago, a Caltech student did a study on why Techers joined the Glee Club for his psyche class. Only 15% joined primarily for the music. Most joined to enjoy a break from their studies and to meet students and grads outside their houses and options.

Many loved the tours and staying at other people's homes. Some felt we offered a form of self-expression not available elsewhere on campus. Many Techers do need an outlet, and the Glee Club helps them to get a bit more attuned to the outside world.

**Tech: Is the Men's Glee Club a sort of fraternity?**

Frodsham: No, definitely not. I deal with very bright people and bright people shine best as individuals, not as a cog in a group. We respect each other and have an esprit de corps. While we work with a minimum of friction, we do have the tension coming from the desire to be excellent. This is good.

## Techies



**Tech: Can you give us some snapshot descriptions of Glee Club activities besides singing?**

Frodsham: We had a professional male ballet dancer train some of the men to do Hawaiian dances. They then did a group of shows while we were touring Hawaii. Freshmen through graduate students gave science demonstrations and lectures to university students in Europe. When we go on Spring tour some of our men lecture and demonstrate before high school audiences. In contrast, one of our fellows, who was the Yo-yo state champion for Texas, displayed his skill before large and enthusiastic audiences.

**Tech: Have all your concerts gone smoothly?**

Frodsham: I had one nightmare. Back in 1970, we were scheduled to sing for the Ebell Club at 1:30 p.m. Due to one thing and another the Glee Club did not arrive until 2:30. I talked about Caltech in the interim. One of my singers, Kent Russell was fighting hepatitis but he did his solo anyway.

**Tech: The Glee Club is good PR for Tech, isn't it?**

Frodsham: It is, although we can have a distorted view. After

singing in one concert a lady approached me and said, "Don't tell me you don't have a music department."

**Tech: What do you think of Women's Glee?**

Frodsham: The girls need a feeling of accomplishment of their own. They interact with the Men's Glee Club during Rep Camp, Festival of Light, and Home Concert. There are so few activities for women on campus. They deserve encouragement and add very much to our program.

**Tech: Do Glee Club alumni keep in touch with you?**

Frodsham: Yes, the alumni keep writing. They seem to retain a special pride for the Glee Club as having been an unique and inspiring experience for them. After our home concert last spring an alumnus told me, "It was worth every minute I put in. If I were here again, I'd do it all over."

Many alums have banded together into a support group, Friends of the Glee Club. Each year they contribute towards the financial underwriting of the choral program. This surely is a visible sign of the success of choral music at Caltech.

## ASCIT/BART in Frisco

by Plotz

In an effort to increase ASCIT movie attendance, Activities Director Bob Loveman has come up with an alternate method of payment of attendance fees. Due to the frequency of flicks to the San Francisco bay area and Stockton, ASCIT has arranged to buy BART tickets at a discount, which will be passed on to ASCIT members (see Don Glick (Ru), Al Fansome (Fl), or Zola Snidefitch (Pa)). Also, as a result of improved

credit-card rip-off technology, the BART tickets can be updated here and used as a substitute currency.

ASCIT movies and the Coffeehouse have ASCIT/BART Card Updaters, which indicate the current amount remaining on the card and allow you to deduct the cost of your DCB's and CMS's or increase the amount left on your card) so you can pay for your movies and midnight snacks or use the card on BART during your next San Francisco flick.

## BECKMAN AUDITORIUM

here are some of the Fall events, 1974

## CLEO LAINE

Pop singer, John Dankworth,  
her composer—sax player—husband,  
with quartet

Wednesday, October 16/8 p.m.  
Regular prices: \$6.50—5.50—4.50  
Student section: \$3.50

## DON ELLIS

and his wild, big (20 piece)  
electrified, amplified ORCHESTRA

Saturday, October 26/8 p.m.  
Regular prices: \$7.00—6.00—5.00  
Student section: \$4.00

## DOUBLE DISCOUNT!!

Mix and match your choice  
of \$15 worth of tickets at  
a discount of 40% . . .

TONIGHT! G. B. SHAW'S

DON JUAN  
IN HELL

Friday, Saturday/October 4, 5/8 p.m.  
Regular prices: \$6.50—5.50—4.50  
Student section: \$3.50

Matinee, Saturday, October 5/2 p.m.  
Regular prices: \$5.50—4.50—3.50  
Student section: \$2.50

ALL FOR ONLY \$12.00 FOR  
THE CALTECH STUDENTS!

## MUMMENSCHANZ

Swiss Mime—Masque Theater

Friday October 11/8 p.m.  
Regular prices: \$6.00—5.00—4.00  
Student section: \$3.00

HERSH &  
MONTGOMERY

duo pianists  
twenty fingers, four hands  
one piano  
RAGTIME & SALON MUSIC

Friday November 15/8 p.m.  
Regular prices: \$6.00—5.00—4.00  
Student section: \$3.00

Other discounts available: 10% for Caltech faculty and staff

20% for Caltech students without DD cards

The Caltech Ticket Office is at 332 So. Michigan Avenue, on campus, just below Del Mar Blvd., and the Ticket Office is a TICKETRON, Mutual, and Liberty agency, too. Campus phones 1652 or (213) 793-7043.



This week is probably the hardest to write, since the introductions are over and I have to write some real material. But, having a surfeit of energy and ego, I shall plow on.

The first thing to note is still *Don Juan in Hell*. Tonight and tomorrow (at both 2:00 and 8:00) Housman's cast will again work their magic, and rush tickets are available (in limited quantity) so come on out. This is my last warning, since next week it will be over.

Next Friday, Oct. 11, Beckman presents *Mummenschanz*, a Swiss mime troupe. The name *Mummenschanz* is derived from the medieval mummers, players who wore masks. These players wear masks too, masks made from balloons, cubes, note pads, and other objects existing in various numbers of dimensions. I'm told that the end result takes after Paul Klee, which I find quite edifying. The troupe is composed of three men, Andres Bossard, Floriana Frassetto, and Bernie Schurch, and in their work they show themselves to be not merely performers, but also to be poets, philosophers, and satirists of the first order. The program is unique in its kind, and is not to be missed. A worthy follow-up to *Don Juan in Hell*, *Mummenschanz* helps demonstrate the superlative nature of this season's entertainment at Caltech.

There are some fine goings-on away from Caltech, too. Tomorrow Daniel Lewis conducts the Pasadena Symphony at the Pasadena Civic Auditorium at 8:30 pm in Bartok's *Two Images for*

## Coffeehouse May Open in the Future

by Gary O'Hoyt

The opening of the Coffeehouse, never an event by which to calibrate your chronometer, may be delayed again this year due to the acquisition of new food-preparation equipment.

"We try to open the first week of school," said Caltech junior John Kaye, one of the managers of the after-hours eating establishment, "but we may be delayed until at least the second week." The Coffeehouse is presently installing a new grill and microwave oven, which will enable them to add one new item to the menu. This year, nightowls and trolls will be able to get french fries with their hamburgers, cheeseburgers, hot dogs, chili dogs, and various sandwiches, sundaes, and beverages.

Housed in the ground floor of a two story house on San Pasqual, the Coffeehouse will be open nightly from 9 p.m. to 2 a.m., providing food, drink, music, and (God forbid!) reasonable prices.

*Orchestra*, Beethoven's fourth piano concerto (with Lee Luvisi), and Brahms' Serenade in D Major. The New York City Opera season is only five weeks away. Pasadena's local nightclub, the *Ice House*, is in full swing, with more information being supplied next week. The Center Theater Group begins at the Ahmanson on Oct. 8 with Noel Coward's *Private Lives*, directed by Sir John Gielgud and starring Maggie Smith and John Standing. For the eighth year in a row, CTG will offer student rush tickets a half hour before curtain for only \$2.50 So you can afford to see this, too.

### Free Concerts

The Dabney Lounge Chamber Music concerts will begin this year on Sunday, October 13, with a program by Richard Stoltzman and Bill Douglas, faculty members of Cal Arts. The program ranges from Brahms and Beethoven to Beatles and Stevie Wonder, including material by Bill Douglas himself. The concerts are at 8:00 pm. They are absolutely free (so you've no excuse for not coming unless you're a Yahoo, in which case turn to the next page), and are designed to provide exposure both to and for young artists of the very highest caliber.

As a closing note I would say that if you want to see the reportedly last concert set of the Grateful Dead on Oct. 17, 18, 19 and 20, tickets are available only for Oct. 17. For the others, a limited number of tickets will be available at the box office (this is all at Winterland, in the Bay area) at 6:00 pm on the day of the performance. If you're wondering why I supply mostly local news, and miss so much of the Southland and rock concerts, it is simply that there is enough material to fill 80 pages of *Calendar* (part of the Los Angeles Times) a week, and so I give only what is close (and therefore accessible) and what I consider to be both important and in need of publicity. Enjoy.

### Teechies



## "He's A Techer"

For those readers (all six of you) who did not have an opportunity to experience the untold pleasures of Frosh Camp, *The California Tech* would like to present the complete lyrics to *He's A Techer*, the memorable theme song of this year's orientation.

(Sung to the tune of *He's A Rebel* by the Crystals)

See the way he walks down to rec.  
Hear the way he says "I'm from Tech"  
My, he holds his slide rule high  
When he goes walking by-y-y.  
He's my guy.  
When he sits in class I'm so proud  
Cause he shouts the answers out loud.  
My, but he's always the one  
To read his textbook just for fun  
That's why all the Scrippies say-ay-ay  
"He's a Techer and he'll never ever be any good."  
"He's a Techer 'cause he never ever acts how he should."  
But just because he has B.O. and flat feet and glasses  
That's no reason why we can't hold  
Hands in classes.  
He's always good to me  
Thanks to him I'll pass Chem 3 'cause  
He's not a Techer, no, no, no  
He's not a Techer, no, no, no  
To me-e-e.

### SAXOPHONE SOLO

Even though he's strange this way  
He'll be a T.A. someday  
And I'll be standing right in his lab  
When they say  
"He's a Techer and he'll never ever be any good."  
"He's a Techer 'cause he never ever acts how he should."  
Well, just because he can't make out and  
He is kind of scrawny  
That's no reason why  
He can't be my honey  
He's such a troll to me  
And he kisses shittily  
But he's not a Techer, no, no, no  
He's not a Techer, no, no, no  
To me...

(Repeat and fade)

(The preceding was in no way the responsibility of the staff of this paper. We may be weird, but there are certain limits.)

The Rivet  
Are Coming

NOBODY PLAYS ROUGHER THAN THE OUTFIT...

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# FROSH CAMP





by Nick Smith

Consider, for a moment, a world. Not a very unusual world, in fact one would find it similar to our own. There is, however, one unusual (from our viewpoint) thing about this world. It seems that, on this world, Will Shakespeare's plays were all historical, including the comedies. That is the world of *Midsummer Tempest* a recent Poul Anderson novel. It takes place during the time period of the English Civil War, which Cromwell is in the process of winning at the beginning of the story. That is of little importance, however. What matters is that Anderson has managed to combine the best features of a historical novel and a work of fantasy. It is a work in which the characters converse in Shakespearean blank verse, and chapters often end in couplets, all without harming the readability of the book. Anderson mixes worlds in such a fashion that it seems totally plausible to have Puck and Oberon interfering in Cromwell's war, or that magic left over from the time of Prospero might help

end the conflict. Anderson is a master world shaper and word-smith. *Midsummer Tempest* is a book that shows the markings of a well-crafted fantasy, and hopefully its relationship to the two obvious Shakespearean plays will not prevent its being read. *Midsummer Tempest* by Poul Anderson, should be on your list of books to read.

For those of you who read science fiction magazines, or for those of you who don't usually bother, there is one issue in particular that you should make sure and read. The October issue of *Fantasy and Science Fiction* is the 25th anniversary issue of one of the better mags. It has stories by Anderson, Asimov, Ellison, Sturgeon, Vance and the proverbial cast of thousands. A Philip K. Dick story examines a somewhat frightening extension of the concept of abortion in "The Pre-Persons." Isaac Asimov donated one of his fantasy-mysteries to the issue, while Jack Vance tossed in a new story of Cugel the Clever, his satirical future barbarian. The real reason to buy the issue is for the

Harlan Ellison story, "Adrift Just Off the Islets of Langerhans: Latitude 38 Degrees 54 Minutes N, Longitude 77 Degrees 13 Seconds W." For those of you who don't feel like looking it up (the location, that is), you can go to hell. I had to look it up, so can you. Anyway, the fact that the main character of the story is named Larry Talbot may not mean anything unless you are an old-movie freak. So go read the story, already. In any case, the entire issue is well worth reading. More next week, if there is one.

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## More News Briefs

CCF Unpicnic

The Caltech Christian Fellowship is having a get-together this Saturday (October 5) from 2:00 to 4:00 in Tournament Park (east of the football field). This unpicnic is especially to meet and welcome new people—come and rejoice in the Lord! Regular meetings are Mondays from 9:40

to 10:40 p.m. in Winnett. These are open to everyone too. For more details, see Eric J Hansen in 1 Blacker.

Duplicate Tournament

Duplicate bridge tournament this Saturday. No experience necessary. Further information available from Henry David (Bl 43).

### Dungeons and Dragons

## Get Killed in Your Spare Time

by Baldric Elf

Have you been hearing things like, "and then this guy in robes stepped out the doorway and pointed his finger at us..." or "What do you mean you got killed by an orc?" as you walked down the alleys of your house? Be of good cheer, neither thee nor thine fellows be daft. They do but speak of things befallen them in a game, known to the initiate as *Dungeons and Dragons*. It is a game based on medieval European fantasy and other similar things, and it seems to attract both the veteran gamer and people who can't even stand bridge.

The basic idea of the game is that each player is represented in the game by one or two characters with certain physical and mental abilities. Each player attempts to acquire as much treasure and combat experience as possible without getting these characters killed off. The reason for this latter part is that the experience and gold are cumulative from game to game, and the longer the characters live, the better they get at different things. It becomes a point of pride among the players to reach the point that they can sneer at dangers of the game that once caused them to flee in terror.

The game was designed by Gary Gygax, from somewhere in the midwest, and drastically revised over the course of this past summer by numerous people playing in this area, for the simple reason that the original game had a "few" flaws. The referee of any given game is

usually the only one who knows exactly what is going on, and a significant part of the game is acquiring the ability to figure out as much as possible of what is going on in the warped mind of the referee. The most important thing in the game is the element of probability: anything can happen, the only limitations are on what will probably happen. For example, it is usually the case that a man wearing plate armor and carrying a shield would win a swordfight against an unarmored man. There is always that tiny chance that things will go the other way, however. This is taken care of by the fact that many things are done in the game by the use of random number generation, either by computer or by the use of eight, twelve or twenty-sided dice in addition to the standard cubes. These provide the referee with some semblance of chance to allow the oddities to occur just often enough to drive players crazy. The variety of the game is such that adventures can be run over land or sea, underground or in the air, and

occasionally on other planets (Barsoom, for example, known to most of you as Mars). Magic is included, and monsters out of what to you is mythology or fantasy. Magical items found on expeditions might be either helpful or harmful. A magic broom might allow one to fly, or it might just sweep better. A scroll might contain a spell of great power, or an even more powerful curse on the reader. A sword might make a normal man an invincible fighter, or it might take him over and make him fight invincible foes. All of these have happened in the game and more.

*Dungeons and Dragons* is a game for those who like to read or dream of things that are not part of the world as we know it, but might have been. No, frosh, it won't help you in physics, but it may make it a little more bearable to live in a world of physicists.

(Anyone interested in learning more about the game, or even playing, should contact Bob Cowan or Dennis Mallonee, 109 Page.)

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Friday, October 4, 1974

Page Seven

# Soccer Has Large Fresh Turnout

by Chris Russell

The soccer team started off its season Saturday after frosh camp. With a frosh turnout of exceptional quantity and quality, the team managed to field eleven experienced players, plus some bench warmers. Still, a very strong team from East L.A. College claimed a decisive victory. Tech's only goal was scored by Joel Okasaki.

Last Wednesday, league play opened against Occidental. Oxy scored the opening goal in early play. After that, the ball seesawed back and forth, with Tech goalie

Steve Trimmerger making some spectacular saves. Towards the end of the first half Oxy again scored, this time off a corner kick. Score at halftime was 2-0.

In the second half Okasaki had the ball on the right wing and sent it towards the goal. It was an easy stop for the goalie, but, alas for Oxy, their own fullback gave it an added boost into the upper corner of the net. Oxy retaliated with

another goal inside the minute. Tech fortunes improved when Okasaki again got the ball: he sucked Oxy's goalie out of position and kicked the ball around him. A little while later Jim Hickey was passed the ball, and he smashed it into the goal. The game ended shortly afterward, Oxy, 4; Tech, 3. Tech goes to Redlands this weekend, and to Whittier next Wednesday.

## Techers Trample Claremont 26-29

by Dave Sivertsen

Caltech's varsity cross-country team opened its season on the rigorous Leroy Neal-designed 5-mile course in Lower Arroyo Park. Greg Griffin led CIT to a vengeful victory over Claremont with a course record of 28:14.8, nipping Claremont's top runner by seconds. The final score was 26-29.

Caltech's other varsity runners placed well, with Rick Debus

leading a close pack for third, Steve Kellogg hanging tight for sixth, freshman Jeff Poulin seventh, and Joe Arpaia close behind.

Coach Neal looks forward to excellent possibilities with his "rapidly improving" team. The next home meet is tomorrow at 10 a.m. against Cal Lutheran and UC Riverside. It's at the Lower Arroyo Park, 2½ miles west on Colorado Blvd.

## Kobold Christened in Millikan Pond

by A. Saylor

On October 1, at 5:29 p.m., three Caltech sailors braved the perils of the high seas in a small boat.

The two Caltech Racing Team skippers and a nameless bystander set sail from the North Shore of the Millikan Pond just minutes after the launch and christening of their craft, the *Kobold*. A can of Dr. Pepper was donated for the effort but failed to break on schedule.

The extreme shallowness of the water prevented the crew from lowering the centerboard more than an inch, causing a most insidiously sideslippage. They were forced to adopt the desperate expedient of having someone

wade after the boat to keep it from bumping into things.

Despite these hazards, the *Kobold* five times circumnavigated the fountain with Martin Teintze at the helm; three times with Paul Gazis, followed by Gazis's solo voyage in the treacherous clockwise direction.

In an exclusive interview with *The Tech*, the crew of the *Kobold* released this statement: "We would like to thank all the people who helped us launch *Kobold* and

who didn't giggle too loudly when we pulled our way along to the fountain. We would like especially to thank Becky Hartsfield for christening the little monster and, of course, Warren Emery and Campus Security for agreeing to th whole stupid thing."

Anyone wishing to join the Racing Team should drop by 128 Lloyd and ask for Paul Gazis. Next stop: the PCC Reflecting Pool (Eric Tabarly, eat your heart out).

### High Hopes

## Water Polo Building

by David Angulo

Out of the twelve eligible water polo players at Tech this year, eight have never played before. Coach Ed Spencer claims that this will be a "building year." Perhaps the greatest handicap will be the loss of last year's goalie, Virgil Shields.

Even so, Spencer has high hopes for the coming season. Fluctuations in strengths will make the most difference in the games against Whittier, Pomona, and Chapman. The team also hopes to defeat UC Riverside, Ambassador, LA Pierce, and may-

be Cal Poly Pomona, the four new teams in the league.

Leading the squad this year is team captain Russ Desiderio, who received recognition from SCIAC last season. Another senior, Dan Hale, will play at goal. Jim Rowson and Howie Bubb are also returning to the team for another season. Coach Spencer is favoring three freshmen for the remaining spots: Doug Mehoke, Jim Findley, and Paul Carpenter.

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*Turkish Delight* is a film worth seeing. It is many things, the sum of which makes it quite valuable. It has been seen by 58% of the adult population of the Netherlands. It has won Academy Award attention. It is raunch (i.e., for those of you who aren't devotees of the art, it has graphic sex scenes). It is thematically both coherent and significant. As a personal reaction, it left me gasping for air and security while I walked the city for more than a half hour after I'd seen it.

Starring Rutger Hauer and Monique van de Ven, directed by Paul Verhoeven, *Turkish Delight* is based on a novel by Jan Wolkers. The plot basically revolves around the meeting (while our hero is hitchhiking) and marriage of a semi-counterculture artist and an upper-middle class nymphomaniac named Olga. Their scenes of love and sex I can only describe in a journal of this kind

as stimulating; their marriage is inevitably broken by their differences in background, and their divorce is complicated by his continued love for her—and their meeting during her final days of suffering from a fatal (and initially unsuspected) brain tumor. The film is geared to its characters, and its characters live by the sensual—the five senses, rather than by the spiritual.

*Playboy* describes the film as a cross between *Love Story* and *Deep Throat*. This leads you to believe that it must be *Love Story* starring lots of butts and asses. Oddly enough, *Playboy* is right, but in a different way. *Turkish Delight* has the tragedy of *Love Story* (sugarless), the sex of *Deep Throat*, with the awareness that sex is not the panacea of man's ills. In sum, *Turkish Delight* is both erotic and funny, and absolutely terrifying. It is well worth seeing at least once.

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