

## Sophomores Win Mudeo First In Eleven Years

by Alan Silverstein

Caltech's 59th annual Mudeo was held last Sunday afternoon and once again it oozed of success, drawing a large crowd of spectators and participants, including TV and press reporters. This year's contest between the frosh and the sophs was held on the old Throop site, which with only a little effort was converted into a mud pit that rivalled the Alumni Swimming Pool in size and surpassed Baxter Pond in muckiness (but not in number of goldfish).

The combination horn/klaxon/bells resounded off the walls of the campus precisely at 2 p.m. under clear skies and the Mudeo began. The first event (for which no points were awarded) consisted of having as many frosh as possible wade into the glop, supposedly to get used to local conditions before the experienced sophomores entered, but actually so they could do the dirty work of clearing the bottom of the pit of bits of Throop (ouch!). Throop was the winner, outnumbering the frosh.

The Herd of Judges, Lou Scheffer, Rik Smoody, Dave Novikoffimoto, Bruce Schupler, Channon Price, and Frances Janssen, then declared that the coin toss was to take place. The frosh won, chose the south end of the Throop site Mudeo pit, and wondered why the sophs were stealing half the length of the tug-of-war rope.

Ho, Ho, Ho, Ho, Joe

The sophomore's strategy soon became apparent. As the frosh (who outnumbered the sophs three to one) pulled the rope through the hands of the sophomore contingent, A surly *Tech* editor tied the end of the rope to the railing on the North

Throop steps. By the time the strategem had been discovered, a tie (appropriately enough) had been declared. The frosh had avoided a sure win. Score: Frosh ½, Sophs ½, Handrails 3.

Pit the Handrails!

Next up on the agenda was the Sack Race, a maddeningly slow relay hop-slip-and-slide. The object was to be the first of the two classes to complete ten laps across the pit, and the rules stated that the team member must keep both feet inside the sack whenever in the "water". However, there was nothing in

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### Get Some ACTION

by David Callaway

This last Wednesday, ACTION came to Caltech. ACTION is a federal agency formed by the affiliation of several federal volunteer programs, the most well-known of which is the Peace Corps, an organization comprised of over 8,500 volunteers and trainees working in over 50 programs in 56 countries. On July, 1, 1971, it was merged with other citizen service organizations to become the International Division of ACTION, a new federal agency designed to put more people, more money, and more ideas into citizen service than ever before.

The idea of ACTION came from President Richard Nixon in early January 1971. He voiced a need to "forge an alliance of the generations" by expanding the opportunities for service to Americans of all ages. He said: "Lets us work together to seek out those ways by which a



THE SACK RACE brings out the best and the worst in the Mudeo contestants. Above, frosh and soph clash in a battle of bags. Photo by Feeney

## Volunteers Needed Immediately

commitment and the compassion of one generation can be linked to the will and experience of another so that we can service America better and Americans can better service mankind."

ACTION is a new government agency that grew out of an old idea: the idea of helping people to help themselves. ACTION unites all the federal volunteers into one single effort devoted to making life better for people the world over.

There are 26,000 ACTION Volunteers at work in each of the 50 states, the United States territories and in 56 foreign countries. They share their skills, their knowledge and their friendship with people who need and want their help.

There are only two legal requirements for becoming a Volunteer: you must be at least 18 years old (there is no upper age limit) and a U.S. citizen.

Application forms are avail-

able from ACTION, Washington, D.C. 20525.

Determination of eligibility is based on the information contained in the application and supplied by references. No aptitude tests or language examinations are given prior to acceptance.

### News Briefs

## Totem Is Coming

Caltech's literary-art anthology is once again (as if it ever stopped) collecting material for a probable Fall's *Totem*. (No, that isn't going to be its name.) For those among you who may have forgotten, *Totem* is put out every once in a while, and contains poetry, short stories, photographs, drawings, and varied what-have-you's, all done by people who are, in one way or another, part of the Caltech community.

The last issue, *A Winter's Totem*, was getting kind of ready a year ago, and it's about time for another one. Unfortunately, there seems to be a certain lack of material. If you would like to help correct that by submitting your what-ers, you may direct them to Philip Massey (Ruddock), or leave them in Flora's office in Winnett.

### Earn Money; Recycle Yourself

\$2.00/hour wages will be paid to you if you come work at the CEAC recycling center (parking lot behind Steele) this Saturday, 9:30 a.m.-2:30 p.m. We need your body. (Free lunch provided).

### The Great Pumpkin Is Coming

Next Wednesday night. Yes, kiddies, here again is your chance to go trick or treating for UNICEF. Collection boxes will

## Yearbook Faces Major Crisis Due to Leadership Vacuum

by Gavin Claypool

Failure in filling two positions on *The Big T* staff could result in the cancellation of this year's book.

Even if an editor and a business manager are found, the annual still faces the problem of increasing revenues or ending up with a substantial deficit which ASCIT dues would have to cover.

### Past History

The yearbook staff, like most other organizations, is usually self-perpetuating. (This was very apparent in the late sixties, when nearly all staff members came from one house.) In general, one of the members of the past year's staff became editor, and underclassmen were recruited to help on that book and as potential future editors.

All this went down the drain when *The Big T* started coming out later and later. Peter Chau, editor of the '72 book, was forced to finish up the '71 book before leaving for grad school in August, and it was left up to '73 editor Phil Neches to complete it. It was February 1973 by the time he did.

By the same time, the number

Continued on Page Four

## Hit 'em High, Hit 'em Low...



HOMECOMING last Saturday provided many exciting moments. Among them was the football game (see page eight). For the full story of Homecoming, check with your local Techer. Photo by Feeney (again)

The editors, business manager, and staff of the *California Tech* would like to thank the Caltech Service League for helping to make this and future full-color issues possible.



*in*  
*memoriam*  
**Thomas**  
**Lauritsen**

by Dave Peisner

Dr. Thomas Lauritsen, world renowned expert on the energy levels of light nuclei and professor of Physics at Caltech, died October 16, at the Huntington Hospital. He was 57.

Born in Copenhagen in 1915, he arrived in Pasadena in 1926 where he attended Marshall Jr. High and later Pasadena High School. At Caltech, he received his B.S. in 1936 and his Ph.D. in physics three years later.

During his graduate years, he and his father built the first of five pressurized Van de Graff generators that later made the Kellogg Radiation Laboratory famous. This generator is still being used today by Dr. Whaling and is the oldest operating electrostatic accelerator in the United States.

A memorial service for Thomas Lauritsen will be held in the Athenaeum at 3:30 p.m. on Thursday, November 1, 1973.

Following his graduation from Caltech in 1939, he became a Rockefeller Foundation Fellow at what later became the Niel Bohr Institute in Copenhagen.

During World War II, he worked at Caltech developing equipment for the government. The proximity fuses and solid-fueled rockets he built were later used extensively on the South Pacific beachheads and earned him a Presidential citation. He was also actively involved in the research at Los Alamos during the last years of the war.

When he returned to Caltech, Dr. Lauritsen became a senior research fellow in 1945, an assistant professor of physics in 1946, associate professor in 1950 and professor in 1955. He

Continued on Page Three

The following excerpts by members of the Caltech community represent a few of the fond memories of Tom Lauritsen.

"Always a champion of the Institute, what it stands for, and the policies required to achieve its goals. He loved life and did what he could to instill enthusiasm."

*William E. Colburn*  
*Administrator, Division of Physics, Math and Astronomy*

"...Most recently he helped ease the trauma of partially abandoning *The Feynman Lectures on Physics* in Ph 2 by taking over the job of lecturer in the non-Feynman track (track A) of the course. Though everyone had his own idea of what should be done about Ph 2, Tommy managed to keep the show running despite the overabundance of divergent viewpoints.

"To those of us at Caltech who knew him well, we have lost a loyal friend and a unique source of solutions to the problems we did not hesitate to share with him. We'll deeply miss his wise council and the sense of humor that helped tie us together as a real community."

*Tom Tombrello*  
*Professor of Physics*

"When Tommy was Chairman of the Division of Nuclear Physics of the American Physics Society and Fay Ajzenberg-Selove was Vice Chairman, I remember a meeting when she was not there and he announced, 'The Vice Charwoman is not here tonight—it is sick.'

"...One day when I was a grad student and Tommy was a sophomore, I noticed him roller skating down the hall past my

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# THE CALTECH FORUM

## House Presidents Hungry, Too

The Caltech Administration has seen fit to introduce a new food system in the student houses, and in some measure the students are suffering from it. Eating three meals a day in the Chandler-R&R cafeteria is expensive beyond our means. Three ordinary meals (a moderate breakfast, light lunch and dinner) costs around \$5.00, as opposed to the \$3.13 a day that we were paying last year or the approximate \$4.00 to \$4.25 a day that we would have paid this year under a food contract. And the estimates for this year that were turned down included five waited meals and *unlimited seconds*.

We are hungry and the Institute seems unwilling to do anything about it, and what is most embittering is that it could help us to some extent at relatively little cost. For instance, the 295 students of the old houses have 36 refrigerators. The 255 students in the new houses have only 18. We in Page, Lloyd and Ruddock plainly need more refrigerators. We need them to keep our milk in so that we can have some cold cereal for breakfast. We need them to keep some cold cuts and mayonaise so that we can make sandwiches for lunch. For the moment we are trying to have our evening meals catered, but we need help for our breakfasts, lunches, and snacks. The Institute has realized some advantages in doing away with board contracts, but we strongly resent being the ones who have to pay for the Institute's gains.

*Richard Baker, Ruddock Pres.*  
*Frank Hobbs, Page President*  
*Ken Suslick, Lloyd President*

## Call Goes Out For New Pronouns

As a women's lib advocate, I nevertheless think it ridiculous to

neuterize words such as milkman or human. As long as these words are understood not to exclude women, they are fine. But in another respect the English language is, if not ambiguous, then unwieldy. The pronouns 'he' and 'him' are usually understood to mean just males while 'she' and 'her' connote females. But when discussing a random person, it is unwieldy to have to say 'he or she' or 'him or her'; ambiguous to just say 'he,' 'him,' or 'it.' One way to remedy this would be to make it understood that at times 'he' or 'him' will connote either male or female, but this solution seems unsatisfactory. An alternative would be to coin two neuter pronouns connoting a human being, replacing 'he-she' and 'him-her' respectively, in the same manner that 'Ms.' has been coined to replace 'Miss' and 'Mrs.'

I am open to suggestions for the precise syllables to use for this purpose.

*Judy Powelson*

## Local Businessman Responds to Letter

In the October 19 issue of *The California Tech*, an unreasonable and outspoken lady referred to us as an "unethical" business activity.

In mid-summer a note was referred to me, stating that because she was a girl, I couldn't take advantage of her. I had an appointment with her at 2:00 p.m. She was quitting and taking all her brochures with her. It was signed (Laurie Schalit).

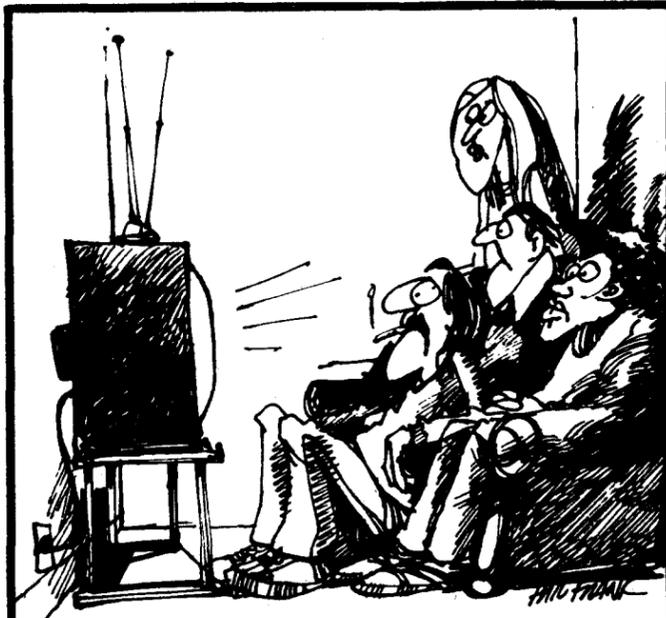
This young artist's letter has definitely exhibited a great poise and courage in alleging several unethical and unfounded remarks which I believe are not characteristic of an intellectual.

Our establishment does not have "to lure Techers," as stated by this artist. The facts are as follows:

(1) Our organization is run by well educated, well mannered and extremely reliable students.

## FRANKLY SPEAKING

by Phil Frank



"IN ORDER TO CONTROL THE FLOW OF PROTEST I REGRET THE NECESSITY OF MINING THE ENTRANCES TO THE NATION'S CAPITAL..."

© COLLEGE MEDIA SERVICES • BOX 9411 • BERKELEY, CA. 94709

(2) Our establishment is patronized by several hundred students, faculty members and the alumni. We are proud of being able to satisfy the needs of these qualified patrons.

(3) We are happy because we are able to provide these deserving students the best possible "product" in the market today.

I would like to enlighten the readers with a few facts which are of utmost importance.

I believe this young artist is unable to differentiate between facts and illusions of grandeur and ego inflation. Her understanding of the business world is so limited that I couldn't help laughing at some of her thoughts.

I don't recall seeing an ad in any magazine or newspaper where the name of the designer of that ad is mentioned! After all, we are selling a Very Good Product! For that we are buying a space in the student publication. We have paid one hundred dollars for that design as part of a brochure. AND THAT IS OUR PROPERTY TO BE USED IN ANY WAY POSSIBLE. Most humans are ego seekers. We live with our egos and seek to attain our goal in life. Maybe we should have helped little Laurie to satisfy her ego....

As far as her compensation is concerned, we don't think one hundred dollars is a "modest sum." Several artists have indicated to us that she has been very well compensated. That

## The CALIFORNIA Tech

Friday, October 26, 1973

Volume LXXXV Number 6

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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*The California Tech* Publication Office: 115 Winnett 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  
Life Subscription: .....\$100

## THE ASCIT FRIDAY NIGHT MOVIE

Little Fauss and Big Halsey

Saturday in 153 Noyes

at 7:30 p.m.

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

Next Week: The Cheyenne Social Club

reminds me! Do you know that she is requesting eighty dollars for each ad that she designs for us? Plus the cost of publishing in the paper: thirty dollars a week, which altogether adds up to one hundred ten dollars a week?

We, at the Burger Continental restaurants, greatly deplore her unethical and immoral calls of action. Her action is a disservice to the student body, which deserves even more than the special service that we have given to them.

Several years ago, when I was visiting Harvard, I read the following quotation at the entrance of one of the buildings:

*Learn as if you were to live forever.*

*Learn as if you were to die tomorrow.*

Learning is a process which starts with life and is carried with the person all the way to expiration. For Laurie, this was undoubtedly a very good learning experience. For us, at the Burger Continental Restaurants, this has been a distasteful experience because we have served this student community for eleven years with special attention and the utmost in care.

—Andre Hindoyan  
Burger Continental

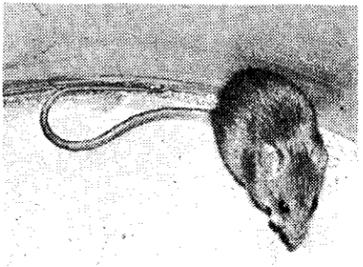
## Page Adopts Dabney

On October 13, a young rat was captured in the Page House lounge, running away from the Food Service kitchen. The next day there was exactly one hamburger missing. It isn't known whether the rat had eaten the hamburger or whether the rat was intended to be the hamburger. Maybe it was just scared off by the prices.

The rat is now safely caged

with real food available. She has been named Dabney in honor of the two-legged rats living in the house of the same name.

—The Keeper of the Rat



The Rat. Photo by Middlebrooks

## Mary Beth Strikes Back

This is in response to Anita and Roger Lighty's letter in the October 19 Tech.

The article on language was intended to illustrate how our language reflects attitude about women. I do not believe that changing words is going to have a significant effect on attitudes. I do believe that if we start to think about some of these things we take for granted, they may start to change. That is the purpose of the column—to stimulate thought on subjects relating to women.

Your point that I could have related it more to Caltech is well taken. I felt it was relevant to the people in our society, and was therefore relevant to the people at Caltech. (To ask that it be relevant only to Caltech is to ask for a very narrow picture.) But looking back on it, I see many examples from Caltech life I could have used, such as the practice of sending invitations to "Dr. and Mrs." even when both

have Ph.D.'s, or of sending the invitation to "Dr.—" (who may be a woman) saying "Bring your wife." There is no problem here of having to invent or distort words to make them suitable; it is purely a matter of not thinking.

Finally, if you feel there are topics which aren't being covered, why don't you write the column occasionally? I would appreciate it.

—Mary Beth Ogilvie

## ASCIT Of Be-Zonk

# Very Dull BOD

by Dennis Mallonee

This week's BOD meeting was a travesty (as usual). At 4:00 Sunday, at which time the meeting was supposed to begin, there were exactly three BODies present: Johnson, Manis and Massey. Mallonee was standing in the Tech office and volunteered to go over to Page and get a quorum. He found Wakai in the library and Peisner in his room. Wakai was told to get his ass over to Winnett, and Peisner was told to bring his checkbook because the Big T editors wanted to be paid.

By the time everyone got back, Massey was disappearing himself. Massey was told there would be a quorum as soon as Manis called Mariani, who was no doubt at the Coffeehouse. Meanwhile Johnson walked out. Claypool said Johnson would be right back. Mallonee recommended that everyone go to the lounge as soon as Mariani walked in; which everyone did, except for Peisner who was writing checks.

At Last

The meeting finally got under-

## Get Yours Soon

# State Scholarships Now Available

Undergraduate college students who are in need of financial assistance to continue college should file a State Scholarship application. Approximately 11,475 new State Scholarships will be awarded in March 1974 for use in 1974-75. Most of the new scholarships will be awarded

to high school seniors but approximately 1,700 will be available for currently enrolled college students who are not already in the State Scholarship Program.

State Scholarships can be utilized at any accredited four-year college in California, plus the California Maritime Academy. The awards range from \$500 to \$2,200 at independent colleges, \$300 to \$600 at the University of California, and are in the amount of fees charged to students at the California State University and Colleges (approximately \$160). In addition, students planning to attend a community college during the 1974-75 academic year may have their scholarships held in reserve for them until such time as they attend a four-year college. Those who will be under age 30 prior to September 1974 are eligible to apply. No age limit applies to those applicants who have had at least 181 days of continuous military service.

Applications are available from Dr. Schaefer's office (101 Dabney) or directly from the State Scholarship and Loan Commission, 1410 Fifth Street, Sacramento, California 95814. Applications must be filed with the State Scholarship and Loan Commission by midnight, November 20, 1973, and 1974-75 Parents' Confidential Statements must be filed with the College Scholarship Service by midnight, December 11, 1973. Scores on the Scholastic Aptitude Test must also be submitted as part of an application.

## Middle East Crisis To Be Discussed In Winnett Lounge

Last night, Dr. Jean Houston lectured on "New Ways of Being—Consciousness and Its Transformation." As director of the Foundation for Mind Research, she is studying non-drug ways of exploring human potential. Among the topics Dr. Houston discussed were altered states of consciousness, accelerated learning processes, scientific creativity, visual thinking, and the internal control of pain and pleasure.

Various members of the Caltech faculty will discuss the Middle East crisis this Monday, in Winnett Lounge, at 7:30 p.m. Emphasis will be on social, economic and political aspects, and a question-and-answer period will conclude the event.

Female folk guitarist Ber Spalding will perform in the Y's Noon concert next Friday, November 2, in Winnett Plaza.

Next Friday will also be Barbara McCandless's last day with the Caltech Y. Barbara has been with the Y for two years and on campus three years. Among her many duties were helping students turn their program ideas into reality. Friends who wish to see Barbara before she departs for Maine are urged to do so before Friday afternoon.

way at 4:20 when Johnson came back. Massey passed out the minutes of the last meeting. They were very uninteresting at that point in time. At some time or another, Claypool and Beckman wandered in to join the BODies, Mallonee, Kieckhefer, and a couple of other people who were already there.

Massey and Mariani moved to approve the Junior Class run-off election results (Lou Scheffer, President/Dave Novikoff, Vice). After little discussion, it was carried unanimously.

Johnson then spent an hour-and-a-half rambling on about some of his pet projects. One of them was a good idea... maybe.

It was suggested that ASCIT join the Y in sponsoring an anti-Proposition One (Reagan Tax Limitation) meeting if it's legal under state corporate law. Mariani and Manis made the motion. It was passed (2-1-2). Claypool volunteered to find out about legality.

It was sometime during the Johnson-blithering that Mallonee discovered that Massey's minutes made spiffy airplanes. Peisner, Manis, and Mariani made improvements. Not to be outdone, Mallonee made a nice loop dealie.

Mallonee's Loop Dealie™



If spun right, it has a lot of lift. Try it.

## Lauritsen

Continued from Page Two continued building accelerators for the Kellogg Lab and became famous in collaboration with Fay Ajzenberg-Selove for his work in light-element spectroscopy. The energy level diagrams he invented to accompany the results of this research are now world famous.

He was a fellow of the American Physical Society, a foreign member of the Royal Danish Academy of Sciences and Letters, and was elected to the National Academy of Sciences and the American Academy of Arts and Sciences. Recently, he was elected chairman in 1972 and 1973 of the Division of Nuclear Physics of the American Physics Society.

The Thomas Lauritsen Memorial Fund has been established. Tax deductible contributions may be made to the California Institute of Technology with the notation—for the Thomas Lauritsen Memorial Fund. The use of the Fund will be determined in the near future.

# Burger Continental



For a coffee break or a delightful lunch,

Burger Continental is the place for the Techer bunch.



Caltech Discount Tickets Still Available!!

535 S. Lake Ave., Pasadena, Tel. 792-6634 — 2 Blocks from Campus

Beckman—Ramo

# Tennessee Williams

by Marc Donner

Coming soon to Ramo Auditorium is the fifth in what is quickly becoming a great tradition at Caltech. Spectrum Production number five, Tennessee Williams' *Eccentricities of a Nightingale*. From those wonderful people who brought you *Amphitryon*, *Puntilla and Matti*, *Ivanov*, and *Troilus and Criseyde* over the last two years comes this West Coast premiere of what Williams himself has described as "... my favorite play."

Performances begin tonight and tomorrow, October 26 and 27 and Thursday, Friday, and Saturday, November 1, 2, 3 at 8:00 p.m. in Ramo. (Just between you and us, there's a good chance Mr. Williams himself will be here to view this production of his play which he has never yet seen produced.)

Spectrum Productions is a volunteer organization, neither student nor community theater. Casts are drawn in open auditions from the pool of veteran actors and actresses in the LA area. This provides the actors with opportunities to be seen performing while providing Spectrum with a supply of good talent on a slim budget.

Spectrum specializes in unusual or little-known but high quality plays. This does not mean that Spectrum productions are "experimental," but rather that the less known works of playwrights great and small are produced if they are of sufficient quality.

Please remember that the Dabney Lounge Chamber Music Concert Series opens on Sunday, November 4 with the CalArts Baroque Ensemble; Jill Sjires (flute), Maurita Thornburg (soprano), Allan Vogel (oboe), Buell Neidlinger (string Bass), and Patricia Welsh (harpsichord), performing a program of Bach, Couperin, Handel, Scarlatti and Telemann.

Sophomores (and all others), Dr. Andy Ingersoll, on Monday, October 29, will be giving his famous lecture on relativity and and faculae and the shape of the sun that was so well received in the 1972 frosh camp. This is not the first time that this lecture has been repeated; indeed this talk has won such wide reknown that Dr. Ingersoll has been besieged by requests for it. This time he'll be giving it in Beckman Auditorium. Go, Andy!!!

Now Shove It In Here...

## Dialing System

by Dave Peisner

Last year when Throop was demolished, the phone equipment was moved to Dabney while being upgraded to the PBX system at the same time. Since then a number of new changes have been added to the system.

The first was the addition of touch tone dialing from the switchboard to speed long distance calls. (Long distance calls may be made from 7:30 a.m. to 8:00 p.m. daily and from 10:00 a.m. to 3:00 p.m. on Saturday.) This caused a minor flap in the telephone office when they discovered that the company had forgotten that the switchboard must also dial the seismological laboratory—which did not have touch tone capability—for some calls. This situation was changed after a couple of weeks when an interface was built.

The second change was the assignment of prefixes used to access the tie-lines. The seismo prefix was changed from "6" to "56" and JPL was changed from "7" to "57."

Finally, additional outgoing lines for the far reaches of the 213 area were added to decrease the institute's phone bill. In addition to the traditional "8" and "9", "6" and "7" for the Long Beach—South Bay and the UCLA—San Fernando Valley areas, respectively, were installed.

When the phone system was improved, several people asked this writer if there were any plans to update to the Centrex system (the one JPL uses). As of this date, the phone officials in Physical Plant say that they do not believe the Institute will install the system because there aren't enough extensions to make

the system worthwhile.

In the meantime, all of the planned improvements—other than the addition of extensions for the new buildings—are complete.

## Yearbook

Continued from Page One

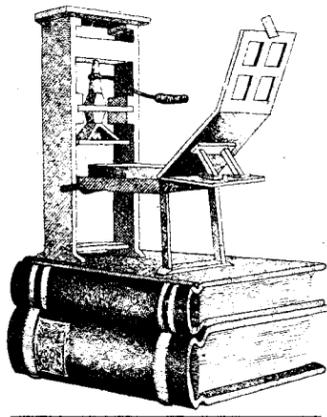
of staff members dropped considerably. The '71 book (according to the staff box) had a seven-man staff. Peter Chau and three others put out the '72 book. At the time Neches resigned as editor, his staff was virtually nonexistent. The people who would have formed the nucleus of his staff ended up as editors of the '73 book.

Under the self-perpetuation theory, one of Neches' staff would have taken this year's book, but none of last year's editors want the job again. And thereby hangs the tale.

### Make an Easy Buck

Oddly enough, the number of people who are willing to work on the book is quite high (comparably). A majority of last year's editors and at least four others have agreed to help. An editor must be found, however, to coordinate their work, make the deadlines, and pick up his salary (\$300 currently, although the Excom is considering a proposal to raise it).

The business manager's main responsibility is to augment the \$8 assessment with as much advertising as he can garner. In addition, he sends out bills after the book is published, circulates the book (including mailing copies to seniors), does the bookkeeping, and makes the ad paste-ups. He receives a commis-



## BOOKS

Students will have a unique opportunity to add to their library collections at the **Lalaloosa** book sale Sunday, October 28, on the Central Library parking lot, 630 W. Fifth St., from 11 a.m. to 5 p.m.

A wide selection of law, economic, sociology, business, history and other reference books and texts will be among the 50,000 volumes on sale at the annual book fair. Most will sell for less than one dollar.

Other items being offered at the event are bound volumes of the Los Angeles, London and New York Times newspapers and back issues of *National Geographic*. In addition, there are several thousand works of fiction which will sell from 10 cents to one dollar.

Lalaloosa is sponsored by the Los Angeles Library Association (LALA), a non-profit organization dedicated to supporting the Los Angeles Public Library. Monies raised from the sale of the books will be used to benefit the library system.

In addition to the sale of books, the gala event will feature entertainment and food. Admission is free.

Money Problems

Another problem *The Big T* faces is breaking even. The past few years, the lack of advertising revenues coupled with high printing costs yielded deficits ranging from \$500 to \$3000. The last book, the smallest in years, still cost \$7000 for printing alone. The current assessment of \$8 per student brings in just over \$6000.

The state of the economy has been one cause of the small number of ads. Another has been the failure of the book to come out on time. The first problem ASCIT can do nothing about; the second one has hopefully been eliminated. Optimistically, one could expect about \$2000 worth of ads, given second and third term to canvass for them. It's still not enough.

The alternative, then, is to raise the assessment. Since ASCIT dues pay for any deficit that occurs, this would allow the BOD a little more freedom in preparing their budget. The 2K deficit on the '72 book has forced the BOD to repeal the current budget, since the amount budgeted is greater than the remaining money.

### Do You Want It?

Before an increase in the assessment is put up to ASCIT members for a vote, one other thing needs to be established. There's very little point in

Continued on Page Eight

*Barron's Profiles of American Colleges—California Institute of Technology*

The Russians started it all, of course. They launched one trivial satellite in 1957 and sent the U.S. into educational paranoia. College was the place to be, or so most parents and teachers decreed. Thus the great college admissions mania began, with gross numbers of high school seniors testing and b.s.'ing their way into the college of (supposedly) their choice.

Born of this frantic yearly activity was the multimillion-dollar college admissions counseling business. Companies peddled information on colleges in humongous catalogs—for a price. But one of the more prolific publishers in the counseling business, Barron's, has come up with a new (for them) method of peddling—a series of booklets on individual colleges at \$1.50/booklet. One of the series describes Caltech (surprise!) and this will henceforth be a (booklet) review of that publication.

Barron's seems to have obtained most of the information for the booklet from *Facts about Caltech* and the annual *Information for Students*. This is odd, especially in view of Barron's

blurb for the series: "Barron's College Profiles... begins where most college catalogues leave off (sic)." There is a nice blanket generalization of Techers' personalities (the booklet keeps describing students as "intense") and the usual "what social environment?" comment.

Classic quotes in this booklet include, "...Techers are often devious and get great fun from... questionable mischief. The students have keys to everyplace on campus... this provides for excitement and adventure (???)". A rather mangled photocopy of a *California Tech* front page was included, much to the distress of the *Tech* Trio. A page-long essay, "A Visit to the Campus," concludes the booklet and advises visitors to come early and leave late (see Techers at their best). Bland quotes from students are featured in the essay ("...it's hard to find girls here...")

One-fifty seems a high price to pay for information that one can obtain practically free with but a minimum of initiative. A prospective Techer would be well-advised to invest his money in stamps and Berman's *Underground Guide*.

—SMC Sweeney

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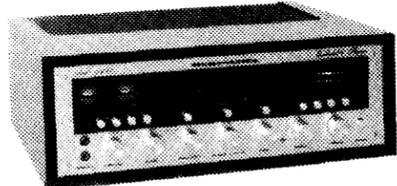


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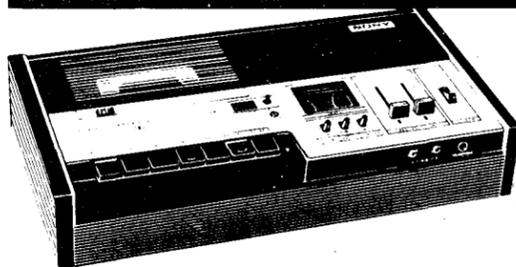
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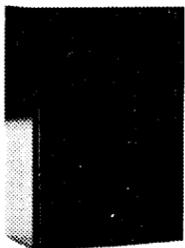
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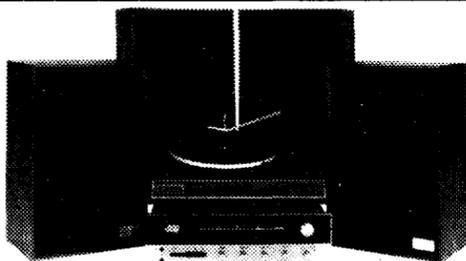
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LET'S GET IT ON by Marvin Gaye, Tamla T329VI

The dedication of this album has a quotation by the artist stating, "I can't see anything wrong with sex between consenting anybodyes." That is the theme of Marvin Gaye's newest album, borne out by most of the songs. The title cut is getting radio airplay, and is probably about the best thing on the album. The semi-reprise, "Keep Gettin' It On" is also good, as is "You Sure Love to Ball." The

rest of the album is acceptable but not outstanding. One of the biggest things in the album's favor is the fact that it is a refreshing change from the asexual hearts and flowers type of love song that makes up most pop music. This isn't a teenybopper album, nor is it an album for people who get their kicks listening to Andy Williams and Johnny Mathis. What it is is an album of good music that deals with people as people and sex as sex. Listen to it. —Nick Smith

## Mythopoeicism

### Lothlorien Wants You

Do you speak Elvish? Do you know the lyrics to the "Robin Hood" theme song? If you found yourself fighting a dragon, would you believe it? Do you enjoy reading and discussing fantasy?

If you answered yes to any of those questions, there is an organization in which you might be interested. The Mythopoeic (the second 'o' is silent) Society is a national organization concerned with the furthering of fantasy. Its activities include publishing several magazines, sponsoring an annual convention, and having local meetings to discuss various works of fantasy. The local chapters have names drawn from different fantasies and legends such as Lothlorien, the chapter that meets in this area.

Six years ago, Glen Goodknight (yes, that's his real name) got the thing started, and it's been growing ever since. While the primary interests of the Society (I refuse to spell it again) are involved with three authors (J.R.R. Tolkien, C.S. Lewis and Charles Williams) there is a great deal of discussion and interest in other works. At each meeting a book or topic of some kind is discussed, ranging from a particular passage from *Lord of the Rings* to such books as *Grendel*, which is the Beowulf legend told from the viewpoint of the monster.

Besides the literary discussions, there are a great many other events in the Society, most of them slightly crazy. There are parties and picnics in costumes taken from history or fiction. Play readings and presentations are done. Articles, fiction, poetry and art are published. One group is doing a study of the various languages and alphabets used in major works of fantasy. An Elvish-English dictionary now exists. At their convention this year, some people spent all night having a party in an elevator. Others wrote the first twenty verses of "What Do You Do With A Drunken Hobbit?" The membership includes college stu-

dents, librarians, teachers, and just about anyone else interested in fantasy.

For further information, see the Winnett bulletin board, or contact Jim Vibber, OC Blacker, or Gavin Claypool, Ricketts.

### Child Care Center Needs Volunteers For Second Season

by Todd Hinkley

The Caltech Child Care Development Center, which serves children of Caltech students, faculty and staff is beginning its second season, and needs a variety of volunteer help from members of the Caltech community.

The kind of help needed offers potential volunteers the opportunity to work directly with very young children in their play and study or alternatively to assist the center by organizational and design and repair work at the center.

The Center is housed in a converted Caltech house with a large yard at 239 So. Chester. The learning activities center around nature study, organized and free play, and are designed to accommodate the children's own interests.

Everybody interested, either now or in the future, is cordially invited to the Open House at the Center Sunday, November 4 from 2-5 p.m. Or phone Todd Hinkley (793-0469, Caltech x2257) to talk about what you might like to do as a volunteer.



Cross Country

# Beavers SACKed By CHM & Whittier

by Steve Kellogg

Mount SAC! The name alone is enough to psyche one out. Two weeks ago the Caltech cross country team ran there against Claremont and Whittier and the smog and the dust and the never-renting hills.

Junior ace Greg Griffin emerged victorious over the 4-mile course. His winning time of 21:11 bettered that of arch-rival Akiyama from Claremont by more than a minute.

Freshman Rick Debus, still suffering from an achilles tendon problem, turned in an outstanding performance, placing sixth overall. The Caltech team as a whole, however, ran a mediocre race, splitting with a win over Whittier 22-33 and a loss to Claremont-Mudd 31-24.

**A Home Meet!**

Last week, Griffin led the Caltech team in a home race against Pomona and Occidental.

He finished with a strong second place only 4 seconds behind the winner, Kryczko of Oxy. Greg's time of 27:23 turned out to be his lifetime best on the difficult Arroyo Seco course.

The results from the rest of the team were somewhat confusing and disappointing, as a mediocre team race against two powerhouses proved disastrous. Caltech yielded to Oxy strength 38-19 and to the Pomona machine 43-20. Oxy claimed 5 out of the top 7 places and was followed by a solid pack of 6 Pomona runners. The remainder of the Caltech team staggered across the line later, taking 11 out of the last 14 places.

**4-4 Record**

Nevertheless, consider the positive aspects of this situation. The team concludes the 1973 dual meet season with a 4-4 record. (They broke even!) This

is a considerable improvement over the 1-5 record of 1972 and the 2-7 record of 1971.

Indeed, the team holds a potential yet to be fully realized.

This is reflected in the fact that for the first time in many years, the cross country team can claim over a dozen members (rivaling other Caltech sports like football in size).

Most of these runners are freshmen not yet accustomed to the Caltech climate. Under the direction of Coach Leroy Neal, the team still has a bright future.

**Go For Blood**

The squad runs to uphold its name in the Chapman Invitational tomorrow at Hart Park. Next week they go for blood in the SCIAC All-Conference Meet at Puddingstone Dam.

**ON PAGE SEVEN: A Mudeo essay by Ray Feeney, including photos by Dave Peisner, John Middlebrooks, and Gerald Laib.**

**Lauritsen**

Continued from Page Two

office . . . ."

*William Fowler  
Professor of Physics*

"When I was a sophomore, I was among the first group of students in the new track A Ph 2. Dr. Lauritsen was the lecturer that year and the following are the best of his remarks to the class:

'I'm the only one who has to be here.'

'Physicists aren't all that smart. One generally looks to experiments to get a hint.'

'All of this has been preliminary to the real physics.'

'Through the magnificent facilities of the Institute, I can prove that ain't a lie.'

'Today will be a little like a classical physics course—like giving you a drink from a fire hose.'

'Let me do a little hieroglyphics on that.'

'What I told you here was not lies, just the wrong language.'

'Before that revelation can take place, we need to make an invention.'

'This achievement is perhaps second only to the building of the Millikan Memorial Library.'

'I would hope that the two could be bamboozled into producing the same answer.'

'I certainly wouldn't want to conceal anything I know from you today.'

There was a huge crash in the room behind 201 E. Bridge and Dr. Lauritsen muttered, 'That's next week's demonstration.'

'The field progressed rapidly; after 2200 years, Gilbert called it electricity.'

'Cutting a magnet is like cutting a worm—you get two wholes.'

'On good days it always has the same sign.'

'When you draw cartesian axes, keep your left hand in your pocket.'

'An understanding of that will bring you lots of money as an electrical engineer but little pleasure as a physicist.'

'The earth is actually a

magnetic dipole whose north end is south and whose south end is north—easy to remember.'

'They couldn't make currents, they were still chasing cats.'

'Volta discovered that although cats couldn't make currents, frogs could.'

'The circulation, like whirlpools in a bathtub, is the strength of water biting its own tail.'

'After you have written 'but' and 'and', you are required to write 'thus'.'

'This is a very pretty expression . . . I hope it makes your heart go pitty-pat.'

' . . . Motional emf, sometimes called emotion.'

Both of the experimenters were out sick and Dr. Lauritsen could not find the galvanometer apparatus, so he asked us to imagine a demonstration: 'When I push these two conductors together, what happens? Nothing.'

'What happens when I turn on the magnetic field is we separate the sheep from the goats.'

'Theoretically, the final covers what I didn't mention in class.'

There have been very few lecturers I have considered to be excellent. Dr. Lauritsen was one of them.

*Dave Peisner*

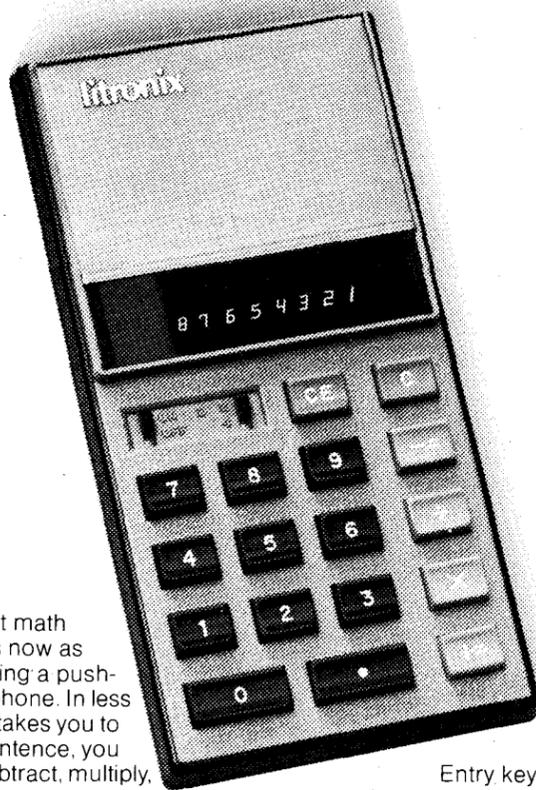
## Soc Streak Ends

Caltech's two game "drawing" streak came to an end Wednesday as Claremont downed the Beavers two nothing. The Stag goals came early in both periods of play. The game was marked by defensive dominance, as neither team was able to mount consistent offensive drives.

Last week's "incestuous" varsity vs. CIT Soccer Club game ended in a two all tie, with the undergrads twice coming from behind to tie. Freshmen Steve Trimberger (Page) and Rick Chapman (Fleming) scored goals in this hard fought drawing effort against the Club Team.

Tomorrow, the Beavers journey to Pomona in order to avenge a 13-0 defeat earlier in the season.

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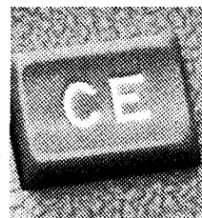
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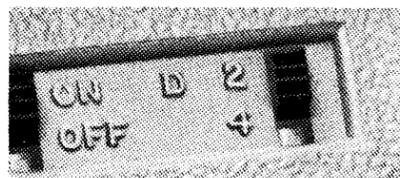
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**Mudeo**

Continued from Page One

the rules about attempting to steal the other team's sack, thus preventing them effectively from finishing, so twice a pair of slimy free-for-alls developed around each sack (and its unfortunate occupant). When it became ob-

vious during the second such melee that the race would take hours to complete according to the rules, the judges just changed the rules — "First sack onto dry land wins!!" For some reason it was not quite obvious to the Judges that the first sack out was actually the frosh's, and the point went to the sophs, who now led 1½ to ½.

Another relay race followed, called the Wheelbarrow. One contestant attempted to swim while his partner tried to hold onto his feet and keep up. The swimmer had it the worst in the gloppy 3-foot-deep crud but both racers got a chance to get a mouthful of mud, as they changed positions in the middle of the round trip across the Pit. The sophomores were clearly more at home in the mud on this event, winning it for another point.

**X-X Component Exists**

For the first time in Mudeo history, the sophomores had more than one girl in the Leapfrog competition. This is how it is supposed to be, considering that the members of the winning team are declared Queen and Princess of the Mudeo. Audrey Liebross and Shelly Smith defeated the frosh

entry of Ann Orel and Donna Mae Wegener for that honor and became the first sophomore team not to fail the chromosome test.

Horse and Rider, as the name implies, was a true test of strength, endurance, and skill. Five riders mounted five horses from each side and entered the ooze intent on dismounting as many of the enemy as possible without taking a dive themselves. The judges were strict and after the prescribed ten minute interval only three teams remained from each side, the others having been disqualified for various fouls. A sudden-death playoff was declared — "The winning class will be the one with the last Horse and Rider still standing." It was a fight to the finish, but eventually the last frosh team went down fighting. The score was now sophs 6½, frosh ½, Pit 14 (it claimed a few victims in the last event . . .).

**Silly Underclassmen!**

The final, deciding contest, (the one which traditionally represents the image of the Mudeo), was the Tire Spree. Eleven auto tires were tossed into the pit while the goal was announced: "Team with the most tires after ten minutes wins!" The value for the event

was (arbitrarily) set at 6 points—just what the frosh needed to tie. Naturally they spent some time making sure the tires were in the exact center of the pit (and not closer to the sophomores, as they had been tossed in). Then the klaxon sounded, and within 30

seconds about 7 tires were tossed out of the pit on the frosh side.

Just about now the President and his Herd saw fit (for good reason) to call the event in the favor of the frosh, tying the score, and make good their well-planned escape into Tech's righteously famous steam tunnels during the ensuing chaos. It was not clear which team had won, so no one knew if it was their assigned task to catch the filthy cheating rascals and send them into the Pit, or to protect the same wise, competent authorities from the losing team's wrath. Soon both classes got the mud out of their brains and went after the villains, but by then it was too late, and the judges were far away.

During the confusion graduate student Dave Clark, President and sole Member of the Revolutionary Mudeo Committee, took matters (and the mike) into his own hands and declared a bounty on the head of the legal President, announcing that the tie would be decided when one class produced him in the middle of the Pit.

**Smart Juniors**

The judges and President however remained out of sight for the legal one hour—with the exception of one poor unfortunate—and then spread the word that the Mudeo was officially over, with the sophomores victorious. Considering that the frosh have won the Mudeo for the past 11 years, we can only conclude that this year's Judges were the worst ever . . . the worst ever. In any case, this year's Mudeo will long be remembered . . . at least by B&G, who will have to clean out all the mud that various participants deposited in Millikan Pond while washing off.

(Special note—the following from a notice submitted to the Tech by President Rik Smoody: "Perhaps in the noise and confusion and excitement at the end of the Mudeo, some people may have missed the announcements of the final results." [There were none—Ed.] "The froshes earned 2 points for the final event, the Tire Spree, but this gave them only 2½ points compared with the sophs 6½.")

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Here, for the first time, is a comprehensive listing of all the Mudeos that ever have been—since the Pole Rush began in the year 1915.

- 1915: Sophs 1 Frosh 0
- 1916: Sophs 1 Frosh 0
- 1917: Frosh 1 Sophs 0
- 1918: Frosh 1 Sophs 0
- 1919: Sophs 1 Frosh 0
- 1920: Sophs 1 Frosh 0
- 1921: Frosh 1 Sophs 0
- 1922: Sophs 1 Frosh 0

**The Rodeo**

- 1923: Sophs 1 Frosh 0
- 1924: Sophs ½ Frosh ½
- 1925: Sophs 1 Frosh 0
- 1926: Sophs 1 Frosh 0
- 1927: Sophs 1 Frosh 0
- 1928: Sophs 1 Frosh 0
- 1929: Sophs 1 Frosh 0
- 1930: Sophs 1 Frosh 0
- 1931: Sophs 1 Frosh 0
- 1932: Sophs 1 Frosh 0
- 1933: Sophs 2 Frosh 1
- 1934: Sophs 1 Frosh 0
- 1935: Sophs 1 Frosh 0
- 1936: Sophs 1 Frosh 0
- 1937: Sophs 3 Frosh 1
- 1938: Sophs 4 Frosh 0
- 1939: Sophs 6 Frosh 1
- 1940: Sophs 4 Frosh 3
- 1941: Sophs 4 Frosh 3
- 1942: Frosh 4 Sophs 3
- 1943: Sophs 7 Frosh 0
- 1944: Sophs 4 Frosh 3
- 1945: Frosh 5 Sophs 0
- 1946: Sophs 3 Frosh 2

**The Mudeo**

- 1947: Sophs 4 Frosh 3
- 1948: Sophs 4 Frosh 3
- 1949: Sophs 5 Frosh 2
- 1950: Frosh 5 Sophs 2
- 1951: Sophs 6 Frosh 1
- 1952: Sophs 5 Frosh 2
- 1953: Sophs 5 Frosh 2
- 1954: Sophs 4 Frosh 3
- 1955: Frosh 4 Sophs 3
- 1956: Frosh 4 Sophs 3
- 1957: Sophs 5 Frosh 2
- 1958: canceled
- 1959: Sophs 3 Frosh 2
- 1960: Sophs 3 Frosh 2
- 1961: Sophs 3 Frosh 2
- 1962: Sophs 4 Frosh 0
- 1963: Frosh 4 Sophs 3
- 1964: Frosh 3 Sophs 2
- 1965: Frosh 6 Sophs 1
- 1966: Frosh 4 Sophs 3
- 1967: Frosh 4 Sophs 2
- 1968: Frosh 6 Sophs 3
- 1969: Frosh 3 Sophs 2
- 1970: Frosh 4 Sophs 3
- 1971: Frosh 5 Sophs 4
- 1972: Frosh 5 Sophs 3
- 1973: Sophs 6½ Frosh 2½

# The CALIFORNIA Tech SPORTS



Page Eight

Friday, October 26, 1973

## Lloyd Last In Softball

### Blacker—A Jock House???

The following excerpt is taken from a conversation between Blacker and Ricketts house presidents Doug McElroy and Bob Durst after the Blacker—Page softball game last week:

Durst: You guys play Page?

McElroy: Yeah.

Durst: What was the score?

McElroy: Fifteen to eight.

Durst: That's pretty good. We figured you guys would lose by a lot more.

McElroy: No, you don't understand. You see, we won.

Strangely enough, Blacker won again. And again. And AGAIN. At the end of the series, the Mighty Moles found themselves in an incredible first-place tie with Page in Interhouse softball. "Funny thing," McElroy remarked, "Page was our easiest victory." He also added that this is the first time that Blacker has held the top spot in Interhouse sports since World War II (maybe even World War I).

Building one's reputation as a jock house is not easy. In all but one game, the Moles had to come from behind in the final inning of play to gain victory. In the contest with Ricketts, they blew a fifteen point lead in the top of the third inning, only to get it back in the bottom of the fifth for an 18-17 win. Despite such precarious doings, the

Blacker jocks finally prevailed, finishing with an impressive 5-1 record.

The Moles incurred only two casualties during the season. One was Lon Rollinson, who was hit in the eye with an errant flying ball; the other was Bill Zajc, who was ponded *and* showered for his efforts as house athletic manager. Such sacrifices are to be expected, however, when one is part of a winning team. But Blacker?? The Flems are still in shock.

## YEARBOOK

### Continued from Page Four

putting out a yearbook if students no longer want it. Yearbooks have been dropped on many other campuses for exactly that reason. It's time that the students at Caltech made their opinion known.

There are two catches, though: if you want an annual, just wishing for it isn't enough. You have to expect to pay for it, even if that means an increase in the assessment. And you have to get an editor and business manager. I doubt very much if there will be a last-minute save like last year. If there is no concern now, there will be no yearbook.

## Rainbow Sports Menu

Friday, October 26			
4:00 p.m.	Water Polo	Redlands	Home
Saturday, October 27			
10:00 a.m.	Cross Country	Chapman Invitational	Away
10:00 a.m.	Soccer	Pomona—Pitzer	Away
10:00 a.m.	Football	Claremont—Mudd JV	Away
Wednesday, October 31			
2:30 p.m.	Soccer	Whittier	Home
3:30 p.m.	Water Polo	Occidental	Away
Friday, November 2			
1:30 p.m.	Football	LaVerne JV	Home
Saturday, November 3			
10:00 a.m.	Soccer	LaVerne	Home
10:00 a.m.	Water Polo	Claremont—Mudd	Away
11:00 a.m.	Cross Country	SCIAC Championships	at LaVerne

## No Homecoming Conflagration

# San Jacinto Outweighs Gridders

Things returned to reality here last Saturday as Caltech's football winning string was broken by Mt. San Jacinto J.C. The final score was 19-7, theirs. Let it be understood that the reality being talked about is not that of our team being naturally incompetent. In this case our team was just overwhelmed by sheer size and sheer numbers. The other

team had almost twice as many players as Tech had and they almost had as many players over two hundred pounds as Caltech has on its entire team.

The final statistics bear this out. Tech had only 5 yards rushing and were 5 for 18 for 43 yards in passing. Jacinto had about 160 yards rushing and were 8 of 12 for 187 yards in

passing. One good thing about the offense this past game was that it only fumbled once (and recovered it) while Jacinto fumbled and lost it four times.

Things during the game weren't as bad as the final score indicates. Tech was leading 7-6 at the half, but injuries, illness, and numbers did us in in the second half. One player actually collapsed from exhaustion after the game.

This week things look pretty good for a victory. We play Claremont—Mudd again, a team we've already beaten this year. Look for a bonfire if the team stays healthy.



FOLLOWING TECH'S ONLY TOUCHDOWN, the raucous crowd exploded in anticipation of another bonfire. They were sorely disappointed. Photo by Feeney

Score by Quarters				
TECH	0	7	0	7
MSJ	0	6	6	7
				19

## IH Softball

Blacker	5-1	58½
Page	5-1	58½
Dabney	4-2	45
Fleming	3-3	36
Ruddock	2-4	27
Lloyd	1-5	13½
Ricketts	1-5	13½

## Desiderio Scores Twelve More

# Poloists Win Twice; Record 2-1

by I. M. Wett

The Caltech water polo team is currently swimming with a two-game winning streak in SCIAC competition. Victories over Pomona—Pitzer (by a 5-3 margin) and Whittier (8-1) give the tankmen a 2-1 record midway through the first round of conference games.

Pomona—Pitzer scored first and held a 1-0 lead at the end of the first quarter of the game at Pomona last Friday. But Tech co-captain Russ Desiderio soon turned the tide in the pool and scored three goals to give Tech a 3-2 halftime lead.

The game remained close during the third quarter, when neither team scored but both fought hard and fouled repeatedly. Midway through the fourth quarter Desiderio and Steve Bitondo scored one goal apiece, putting the game out of reach.

### After 713 Days

Pomona's late goal made the final score 5-3, giving Tech its first SCIAC water polo victory since November 10, 1971, when Pomona was also the victim. Tech's jayvee team almost gave the tankmen a second victory

that afternoon, but very poor goal tending by a Tech sports editor allowed the Pomona Jayvees to salvage a 6-3 win.

The game at Whittier on Wednesday marked the first water polo game in Tech's history at President Nixon's alma mater. Whittier's team, now in its first year of competition, fared about as well as the college's most famous alumnus has fared in the first year of his second term as president.

### M-I-C-K-E-Y-O-U-S-O-B

Whittier actually managed to score a goal in the first quarter, thanks to some gross fouling by a Whittier forward which the referees chose to ignore. The rest of the game was something of a rout, marked by sloppy play on both sides.

Desiderio led Tech by scoring seven goals, with Howie Bubb getting the other tally. Tech Coach Ed Spencer finally put Desiderio in the goal during the fourth quarter to keep him from scoring.

Meanwhile the Whittier coach was telling his team, "Number two [Desiderio] doesn't have a good shot, but he's scored five of

their goals." And Nixon isn't trying to hide anything, but he likes firing people . . .

### Dirty Old Men Beat

Tech's two-game winning streak in conference games was somewhat cheapened by a 4-3 loss to the Alumni team on Homecoming Day (which was last Saturday, in case you missed it). Both teams fought a close game, with neither squad leading by more than one goal.

The Alumni were led by Tom Crocker '64, a virtual unknown who scored three goals while the big guns (Steve Sheffield '72, Ed Evans '67, Hank DeWitt '68, . . .) were held scoreless. Bob Hall '71 got the other goal for the dirty old men, who more than lived up to their reputation—they committed 25 fouls compared to 12 by varsity players. Bubb got two goals for the young punks, with Desiderio scoring the other tally.

The tankmen will go for three conference wins in a row this afternoon at 4 against Redlands (not tomorrow as listed on most schedules). Next Wednesday Tech plays at Occidental, so don't expect any 4-game winning streaks.

## Beckman Auditorium

ONE PERFORMANCE ONLY!  
Saturday, November 10 — 8:00 p.m.



with Laurindo Almeida (guitar), Eud Shank (saxophone & flute),  
Ray Brown (bass) and Chuck Flores (drums)

SPECIAL TICKET PRICES FOR THE CALTECH FAMILY: \$5.40 — \$4.50 — \$3.60  
CALTECH STUDENTS: \$4.80 — \$4.00 — \$3.20  
(2 per student) RUSH TICKETS 15 MINUTES BEFORE PERFORMANCE TIME IF AVAILABLE!!!

THE CALTECH YMCA CORDIALLY INVITES THE CALTECH COMMUNITY TO A POST-CONCERT RECEPTION IN THE LOUNGE, WINNETT CENTER AT 10:30 PM NOVEMBER 10. FREE REFRESHMENTS!!!

Call extension 1652 for more information.

Second Class Postage paid at Pasadena, California. The California Tech is published weekly except during exams and vacation periods by the Associated Students of the California Institute of Technology, Inc., Winnett Center 105-51, California Institute of Technology, 1201 E. California Blvd., Pasadena, CA 91109. Subscriptions: \$4.00 per year.