



# The California Tech

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## CAMPUS BREWINS

I feel downright penitent this week. For months I've been brittle at the Schmipps lassies. I still think that any guy who'll add fifty miles to his gasoline bill for an evening with a neurotic, self-centered, wondrously expensive and abnormally shaped glob of distilled, synthetic female deserves the bronze banana, but last Saturday night mine eyes were opened.

Don't know under what stone they found them, but Tech showed up at the Oakmont to play twinkle toes with as beautiful and down-right friendly raft of suzies as ere I've seen.

Nat Gould did himself right well. Then there was the Brown-Dabney caravan with Hedrick hauling a near-record number of eight fems in the Taxi. Results: Jim Young is radiating contentment, and Bergreen does not seem to be unhappy. Could name others in the accredited Scripps style.

This is straight from the horse. A Toll House cookie was baking frantically over holding Swami Stanley's hand while he played graphologist. Undoubtedly afared of him meeting too many huge lower loops.

Bob Madden scored a strike—a remarkable blind date from the nunnery. Last report I have involves a bear rug.

The Student Faculty Illicit Relations Committee should be informed of the character making an ass of himself in front of the band stand Saturday night. The rest of us found the terrace quite satisfactory. Didn't recognize him—sorry.

Without doubt Chuck Forester was hero of the evening.

How can a man keep a cool wit while breathing through an inch of lemon meringue?

Some of our departed heroes showed up at the dance. There was Dick Alexander anxiously inspected The Well-Rounded Personality, and Bud Mittenthal, still a bit shot from the PBAA conference Friday. Muehlberger contented himself between his Scripps site and the bar.

Heard tell of a right cozy dinner party before the dance in Old Chinatown with Merle Kam's date pulling linguistic strings with the waiter. Another all-Scripps affair.

Jack Martin obtained his date in a straight-forward manner—went up to PCC toward the end of the week, eyed the throng of blushing maidens, and asked one for a date. His friends were surprised to note the required number of arms and legs, all nicely arranged.

Grandpa Warren, having become bored with the infants one finds at exchange dances, was awarded a blind date with an elderly I. Magnin wheel. Dave announced that he had a charming evening; they discussed buying and selling.

Those nowhere ice plant exhibits at the dance bring to mind a serious problem. They may stir a wan smile on our lips, but the business of explaining the whole thing to the date just ain't worth the candle. The same goes for the e-to-the-x yell. And what's more, we spend good money learning what the lousey symbol means, and then explain it to a mere date for free.

(Continued on Page 4)

## Shavings...

From The Board

Last Thursday night the Board of Directors passed with a vote of five to three a motion to discontinue the services of the song leaders for the remainder of the year. While this action of the Board may come as a surprise to some, it has not been without considerable thought and discussion of its various aspects by the Board members. Because it is a controversial subject, a discussion of the reasons which led to the decision was thought advisable.

During the last two years in which the song leaders have functioned, there had frequently been expressed dissatisfaction with the arrangement. The objections stemmed from numerous sources, from the students themselves, from the faculty, and from alumni attending the football games. In view of these known comments from a few of the more vocal Caltech fans, the Board decided to find more about the student-faculty-alumni opinion.

The consensus thus determined was definitely unfavorable regarding the song leaders, the objections dealt not with our particular song leaders; for they deserve a great deal of thanks from the students. Rather the student dissatisfaction lay in the inherent nature of song leaders at Tech.

The opinion expressed was that a song leader's activities added little if any spirit to the occasions and in many instances appeared to be very inappropriate. Those students polled who had escorted dates to the games reported quite the same reactions from their partners. The general feeling was that something more spontaneous from Tech students and more a part of them should form the expression of enthusiasm and spirit.

The example cited was the Caltech jazz band which appears at the basketball games. Perhaps it's awful music, and it's corny, but it's part of Caltech, and all the crowd likes it. It builds up spirit because it does spring from the students. It has an inherent unity with the

## THE SQUARES' CIRCLE

To the Editor, California Tech:  
 Whether it's a good thing or bad that our song-leaders are no longer with us, I don't know. But I do know that it was a rather rapid deal and that action was taken because of the opinions of a few rather than of the majority of the student body. In fact I venture to say that many of the troops are becoming aware of the situation for the first time through this issue of the California Tech. I think that matters of this kind should be submitted to the members of the corporation before any such drastic steps are taken.

Bruce Hedrich

25 October, 1948

Dear Sir:

It is my opinion that last week the ASCIT Board of Directors pulled one of the biggest social blunders in the annals of Tech history. It is my desire to discuss the merits of the six girls who have offered so much of their time and energy this season to increase the spirit of our rooting section at the football games; but I do believe that they have not detracted from Tech's appearance at the games as much as the general lack of attendance. As any social minded member of the ASCIT knows, the social reputation of this school is very poor. Most decent girls would rather sit at home with a good text book than go out with a Tech man and have to listen to Einstein's Theory. By firing the six girls who have offered to help change the social appearance of the school, we have not only made six enemies but also put more "gas on

school which belongs to Tech, is part of it, and which we should encourage instead of being spectators to outside participation in our rooting section.

Perhaps the opinion expressed was dominated by the more mature minds about campus, but it is reasonable to believe that they can offer a truer picture of the student feeling than the newer students who have had little opportunity to form an unprejudiced opinion.

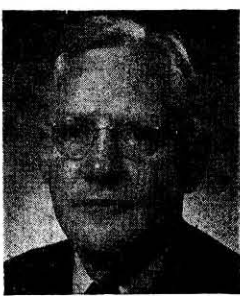
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## Song Leaders...

The question of the discharge of the song leaders is discussed rather fully on this page, both in the Squares Circle and in Shavings from the Board. It will not be the policy of this paper to take a side on this issue, but there is a question here which we feel is important.

The question of whether or not we have song leaders is only a minor one. The real issue up for discussion is whether or not the board acted without the approval of the student body. The board claims that the action stems from objections made by the students themselves. It is not known whether or not the students were in complete agreement with the board on this issue. We feel that this is a question which should be more accurately answered.

In an attempt to obtain a clearer picture of student opinion on this issue, the Tech is holding a poll. On page three you will find a set of questions which can be answered with a minimum of effort. If you have any feeling at all on this issue, you should fill out this ballot and drop it in the T box in any house or in the T box in lower Throop.

This poll will decide nothing, except whether or not the board was justified in assuming that the students did not want song leaders. The results of the poll will be printed in next week's Tech.

the fire" in reminding the local girls that we are here to study and have no time to waste looking at the "female" figure.

It appears to me that the only way in which to increase the spirit around here is have every student take a flask with him to the games. That way, we will at least have plenty of "spirits."

In all sobriety,  
Member of Crud Alley

Editor, The California Tech  
Dear Sir,


Last Thursday night the Board of Directors voted to abandon the song leaders after the La Verne game. This action came as a complete surprise to most students, ourselves included. Our indignation results from the manner in which this feat was accomplished, and at the unwarranted haste which was shown in making the decision.

This issue came up at the meeting the week before, giving ample time to ascertain the true

student feeling. But, during that time, the investigation was completely inadequate. Fleming was the only house polled, with results which gave no definite indication of student disapproval. The only other inquiring done was by individual members of the board of a very small number of students. The inadequacy of this "effort" was shown by the

(Continued on Page 4)

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## Varied Social Work Set For Blackerites

Not satisfied with social life three days in the week, Blacker men traded dinners with Orr Hall at Oxy on Tuesday, and Dorsey Hall at Scripps on Thursday. At Oxy the popularity of Tech men was attested when Blackerites and their dates met a rousing cheer as they walked into the Student Union. Terminating the House's weekend activities was a small party after the La Verne game Friday night.

### Open House

After bloodying the Bengals this coming Friday there will be another Blacker Open House. Balancing Friday's exuberance

## THE FRONT BURNER

How many opera fans have wondered after the final curtain has gone down, just how the task of coordinating hundreds of singers, musicians, dancers, temperamental prima donnas, and the stage workers who are necessary to put on a modern grand opera is carried out?

Representatives of five Southern California college papers—The California Tech, the Daily Bruin, The Los Angeles Collegian, The Pepperdine Post, and the Daily Trojan—got the inside

there will be entertainment in a more serious vein on Saturday night as Blacker men and their dates attend Robert Sherwood's "Road to Rome" at the Uasadena Playhouse.

story on a Saturday afternoon tour of the Shrine Auditorium, currently occupied by the San Francisco Opera Company.

### "Meistersinger" Rehearsal

We six representatives of an unfettered (?) press were to meet Mr. Renda, our guide for the tour, at the stage entrance to the Shrine at one p.m. Since at one-thirty a chorus and ballet rehearsal for "Die Meistersinger" was to be held, the place was thronged with singers, ballet dancers, supers and stage workmen, all in very informal attire.

At 1:30 the sheep (singers, etc.) were separated from the goats (us reporters), and Mr. Renda, a small energetic man,

herded us through the prop room and through a pitch-black passage, from which we groped our way into fifth row side seats in the auditorium. Mr. Adler, the chorus conductor and Mr. Steinberg, the orchestra conductor, were rehearsing the chorus, accompanied by a piano, in the third act, scene two, entrance of the Meistersingers.

### Rehearsal Plans

All the operas are rehearsed in straight order in San Francisco, Mr. Renda informed us, and usually no more rehearsals for stars and chorus together unless an opera not originally scheduled is to be held. The rehearsals in San Francisco are held at the odd hours of one a.m. to about 5 p.m. Approximately five hours of rehearsal

are required for each hour of performance.

### Expense

Die Meistersinger is one of the hardest and most expensive (costing \$15,000 a performance) operas to produce, we were informed. The task of coordinating the 120 piece orchestra, the large choir, the job of cuing the soloists, chorus, and prop men falls to some six "maestros," men who have learned opera from the bottom up, and for whom this title marks the high point of their career.

### Most Difficult

The rehearsal was now over and we managed to bump into Maestro Adler who was leaving with a very pretty blonde on his arm. We asked Mr. Adler, which opera he thought was most difficult in respect to conducting the chorus. After consulting his companion, he replied "Boris Goudonoff." He also thought that it would be artistically better, although somewhat impractical, for all operas performed in the U.S. to be sung in English.

He said that Italian was the easiest language in which to sing an opera, French the next hardest, German the next most difficult, and English, the most difficult. "All languages," he said, "are intrinsically valuable musically." However, Italian has more vowels and thus is easier to sing.

## Weekend Of Revelry Set For Ricketts

A glorious weekend of revelry is in store for Ricketts social climbers with a variety of two stage shows, and evening of bowling, two dances, and assorted refreshments offered. Unfortunately, this will not result in continuous dissipation, since some of these events will take place concurrently and require difficult decisions by the Ricketts men.

Friday evening, following the Oxy game, Ricketts and Blacker will pool their efforts, resources, and what-have-you, to produce a dance in Ricketts lounge with refreshments in Blacker.

At 8:15 Saturday evening Ricketts men and their women will be seen entering three different dens of iniquity. One group may be found at the Pasadena Bowling Courts piling up the strikes and spares, the second at the Pasadena Playhouse watching Robert Sherwood's play, *Road to Rome*, and the third at the Civic Auditorium witnessing *Happy Birthday*. All will finally reconvene in Ricketts lounge at about 10:30 for a record dance. Here a Haloween theme will be used, with all forms of natural and supernatural beings except snakes for decorations.

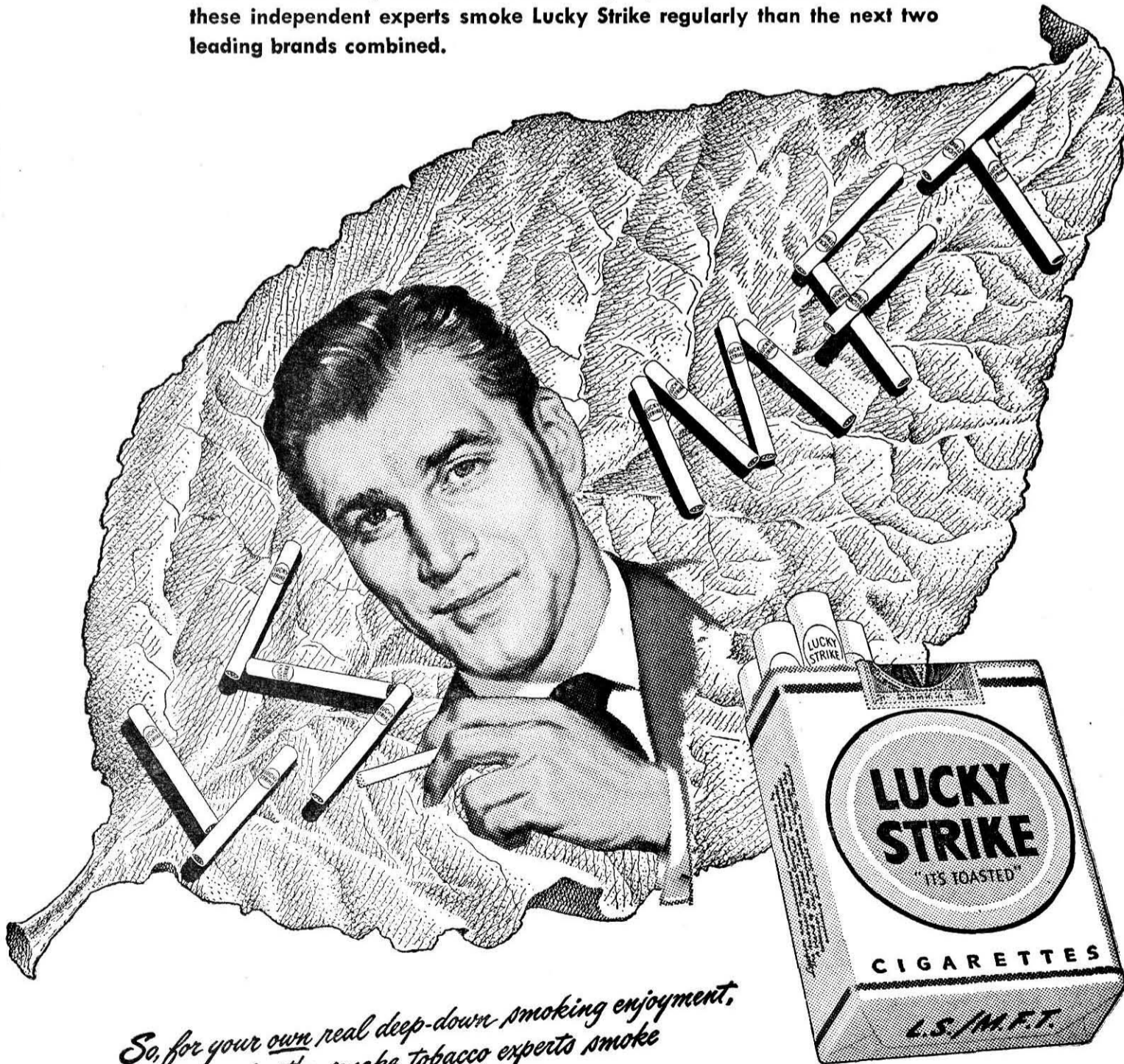


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### Song Leaders?

Please fill out this ballot and leave it in the T box in your house or the T box in Lower Throop.

- Are you in favor of having any song leaders? Yes..... No.....
- Do you think that the song leaders increased spirit at the games? Yes..... No.....
- Do you think that having song leaders detracts from our school? Yes..... No.....
- Do you feel that all activity at games should be limited to Tech students? Yes..... No.....
- Do you think the board made a wise decision? Yes..... No.....
- Which games have you attended? Pomona ..... Whittier ..... La Verne ..... Frosh ..... Soph ..... Junior ..... Senior .....
- What class are you in? Frosh ..... Soph ..... Junior ..... Senior .....

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Taubates are usually addressed as Sir!

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Dish washer, Club dinners, 6:00 to 9:00, \$1.00 hour.

Surveying-run level, must live in Beverly Hills. \$1.50 hour.

Stock room clerk and salesman, clothing store, Friday night and Saturday. \$.80 to \$1.00 hour.

Television service man, late afternoons and evenings. Minimum 16 hours per week. Military or commercial radio repair experience. Automobile required.

Clean-up work, 4:00 to 9:00 daily, 7:30 a.m. to 3:30 p.m. Will take two men who can alternate. \$1.00 hour.

Sitter for ten year old boy. 3:00 to 6:00 five days per week. Can study.

Student's wife to do baby sitting during week after 2:00 p.m., and some evenings. Boy is six years old.

### Geology Club Hears Van Amringe Speak

Mr. Edwin V. Van Amringe, instructor of geology at Pasadena City College, gave an interesting lecture, illustrated by slides, on Early Geological Explorations in the West at the regular meeting of the Geology Club last Thursday evening. Personalities and historical anecdotes were featured in this talk, which will be long remembered by all present. After adjournment for refreshments, the meeting resumed to witness a movie, **Birth of an Oil Well.**

#### Geology Outing

A full-scale invasion of Farnsworth Park in Altadena by members of the Tech geology department was successfully accomplished last Sunday afternoon. More than seventy faculty and staff members, graduates and undergraduates, wives and girlfriends participated in the operation, a number which taxed the commissary.

Despite an artificial geyser and considerable erosion by a river of beer in the Altadena foothills, however, there was plenty of this precious commodity, due to the farsightedness of numerous individuals who supplemented the rations provided.

### CAMPUS BREWINS

(Continued from Page 2)

**Blacker Crisis:** The only word from the fellas this week is that Bill Palmer imported his woman from Santa Barbara. I hear that under the pressure of Teddy, the House is studying like mad for mid-terms to keep that Blacker average on top.

**Fleming Flash:** Bill Sampson has received the Golden Goose from Fleming Pope Barre for his clash with John Law Saturday night. It looks like about a fifty buck fine. P.S. The evening wasn't worth it.

**Lost and Found:** Ollie Gardner—Has anyone seen my glasses around the 10th hole at the Oakmont? Al Hook—Anyone find my glasses around the 9th Hole? (Good thing Hummel wants to keep this column clean.)

### SQUARE'S CIRCLE

(Continued from Page 2)

fact that in one case a board member only reached three persons. An overwhelming majority of students were completely unaware of this important question confronting the board.

The majority of the board members felt that this was a very "critical" issue, and should be acted on as rapidly as possible, so rapidly, in fact, that there was no time to determine the true feelings of the students. We fail to see that this issue is so critical that it couldn't have waited until the last two games were played before the final decision was released, thus sparing the feelings of the parties involved.

In acting in such haste and manner, we think the board was extremely rude, inconsiderate, short-sighted, and uninformed. We think that situation should be remedied. "A word to the wise is sufficient."

The Alley 7 Club of Dabney.

- George Bergstrom
- Roy Gould
- Dick King
- Carlos Navarro
- Jack Ottestad
- Leigh Sheriffs
- Dale Vrabec
- Jesse Weil

A display of physical prowess was given later in the afternoon in the form of a "grudge" contest of touch football which pitted the brawny faculty and graduates against the alert and eager undergraduates. Although handicapped by being forced to go uphill on a steeply sloping field during most of the game, the light undergrad team managed a 12-12 tie in this game to preserve their undefeated record in the current series of contests.

### Musselman Tops Pigskin Pickers

With the grid season at the half-way point, Caltech's four football experts are sporting averages from .933 to .784 in the Tech Pigskin Prognostication contest. Athletic Director Hal Musselman is far in front of his fellow cohorts with a record of 14 correct picks against 1 loss, that being the UCLA-Stanford game which fooled a number of the experts.

#### Andy Trails

Saltman and Butler each have a 12-3 record and last but still fighting is Coach Mason Anderson (11-3) who incidentally is high man on the Pasadena Star-News' group of prognosticators. In the battle between Sports Staff and Athletic Department the latter still retains the lead with an overall average of .862, while Butler and Saltman have compiled an average of .800.

#### GET YOUR SKI CLUB MEMBERSHIP NOW

- Dick Schuster—Fleming 10
- Fred Drury—Blacker 29
- Jim Blom—Dabney 52
- Blouke Carus—Ricketts 49
- Warren Schlinger—Chemical Engineering.

### Polo Mermen Drop To UCLA Frosh

U.C.L.A.'s Freshman water polo team chalked up a 7-4 victory over the Caltech Engineers last Friday. It was a close game until the final minutes, during which two Bruin goals were scored.

#### Close 1st Half

The Tech team, behind 3-2 at the half, was hard pressed to keep up with the Brubabes during the third quarter. Chaos broke loose in the final period with the Bruins powering their way through the water-logged Beaver defenses and scoring their finale goals.

#### Forwards Tally

The game on the whole was much cleaner than last week's tussle with Muir, but it lacked the drive which characterized the Engineer team in that victory. The scoring was spread rather equally among the Tech forwards while the Bruin team was led by a sterling sprint man, Bud Stange, who tallied four times. The U.C.L.A. frosh were coached by a former Oxy swimmer, Harry Crosby, who is continuing to be a menace to Tech.

- Lineups:  
R. F. Hall  
L. F. Waters (1),  
Curry (1)  
C. F. Libbey (1)  
C. B. Palmer (1)  
R. G. Harris  
L. G. Stert  
G. Reineke

### Christying

with Carus

If you are interested in learning to ski this year, you have an excellent opportunity. Dick Springer, a former Tech student, is bursting with enthusiasm to teach Tech men, as he has found skiing such an excellent recreation for himself. Dick was at Sun Valley for three months last winter, and received his associate instructor's rating, and so will teach the same method as other instructors in this area. This method in brief is: first learning the fundamentals of stemming, and then learning how to christy, with the emphasis on christying at all times.

#### Racing This Year

Last year was the first real year of intercollegiate ski racing in Southern California, and this year the racing situation looks promising. At present the SCISU (Southern California Intercollegiate Ski Union) consists of Oxy, Whittier, Pomona, PCC, Glendale, Muir, LACC, UCLA, Southern California, and Caltech. There are four races planned, including the Championship Race for the Mullen Trophy. Our meets will probably consist of two events; slalom and giant slalom, but it is hoped that in years to come, the four event meets, as held in other parts of the United States, will be installed.

#### Outlook Good

As far as the Caltech Team is concerned, the outlook is also promising. Last year, Caltech placed a very close third to Southern California and UCLA, and this year with some organized practice sessions under the direction of Larry Thackwell, there's no reason why Caltech can't win the Championship race. Although Freshmen can't race, because of our conference rules that no Freshman can compete on a varsity team, still it will be to the advantage of all to practice slalom under good direction,

### Heggland Scores High In Bowling

Ricketts House continued its victory march in the second week of the Interhouse Bowling League by winning six out of eight games from Blacker and Throop in close matches. Throop, Dabney, and Blacker managed four wins each, while Fleming took two games. Current standings in the trophy race:

House	Won	Lost	Ave.
Ricketts	14	2	150
Throop	9	7	148
Dabney	8	8	127
Blacker	7	9	134
Fleming	2	14	122

A tremendous 782 game was fired by Throop No. 1 bowlers with the following scores: Lynn Crosswhite, 177; Gene Mooring, 199; Ralf Erickson, 183; Bob Benton, 173; and 50 pins handicap. Throop No. 2 captured high series with a 2072 total, despite the absence of one man.

For the second consecutive week, exactly four series over 500 and nine games over 180 were bowled. Ray Heggland of Throop was tops with games of 155-211-209 for a 575 series, best to date. Woody Bratnobar of Ricketts was runner-up with 187-155-210—552, followed by Carl Fox of Ricketts with a 192 game and 507 series, then Sid Stone of Ricketts with 192 game and a 503 series.

and there are few better than Larry Thackwell.

#### More Work

In order to get still more wood for those evenings at Snow Valley, and in order to finish work on the 115 volt generator, we are planning another work party on Sunday, November 7, after the Interhouse dance. For those living in the Student Houses, Sue does a good job of fixing us up with food, so let someone know of your good intentions, and someone will be glad to take you up for a Sunday of fresh air.



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**Talkin' It Over**  
With The Goon

Happened to see Andy at one of those odd moments when he offers to buy you a cup of coffee instead of offering you the opportunity to buy one for him. So I took the "luckiest coach in football" (after all he only lost seven regulars, he could have lost eleven) on his word and we turned toward the Greasy.

**Potential Star**  
"You know, Salty" the professor of pigsknology began, "I've got a kid on the squad that could really make a football player if he'd only get that 240 pounds in the saddle." ("Who's this?" I coyly asked, realizing that there are so many 240 pounders that Andy has trouble keeping the scales in working order. "It's Art Miller," he said. "That guy is the laziest man on this green earth although he has some of the better potentialities of any of those kids. Did you know that he was one of the fastest men out for the line?"

"If he'd knock off about twenty of those lardy pounds and begin to get in shape we could use him in that full-back spot for sure ground gainers every time. But he just doesn't have the right spirit and I don't see how we're going to get him fired up." This was all before the La Verne game last Friday and Andy was desperate for a big guy to bust through the line on the power plays.

**Miller Shows**  
Some how or another, the coach got wind of the fine work in gland extracts that were being worked on in Kirkoff and sent over a few trial samples. And Friday night it was a new Art Miller out on that field. Sure, he brought forth more laffs than if the Marx Brothers had been trying to imitate the Four Horsemen using Hedda Hopper as the full-back, but he

(Continued on Page 6)

# Beaver Sports

## UCLA Soccer Team Drops Tech In Overtime Decision

Victory slipped from the educated feet of the Tech Soccer men by a 5-4 decision at U.C.L.A. in a twenty minute overtime period Saturday. Electing to play out a 3-3 tie, the exhausted Techmen found U.C.L.A.'s flood of substitutes in the overtime too much to cope with.

Tech scoring was begun by Karel Ott, followed by one each for Brad Houser, and Dave MacKenzie. Ott again scored during the overtime period. Tied one all at the half, the Techmen forged ahead to a 3-2 count in the fourth quarter, only to have U.C.L.A. even up the score a few seconds before the end of the game.

Entertainment as well as confusion was provided by the U.C.L.A. band which practiced on the sidelines, effectively blotting out the referee's whistle.

Supported by the outstanding work of such players as Chas. Shaller, Brad Houser, Dave Madden, Dick Bennet, and Bill Bradley, the team shows promise of better things in the return match at Tournament Park this Saturday morning at 10:30.

The schedule for the rest of the season is as follows:  
Oct. 30, UCLA here.  
Nov. 6, USC here.  
Nov. 13, UCLA there.  
Nov. 20, Pepperdine here.  
Several practice games are ex-

## Sagechick's Romp Over Frosh Gridders

The Little Beavers were defeated 37 to 7 for their second loss in a fast-moving game at Pomona last Saturday.

The Techmen held like professionals through the scoreless first period, but an overwhelming flow of reserves from the black and white side of the field had a definite effect in the second quarter. Taking advantage of a "shade of the goal post" fumble, and a pair of long passes, the Tigers scored 19 points.

**Beavers Score**  
Coach Ed Preisler's boys took to the air after half time and scored on a beautifully executed long pass play from Woody to Paulson who took it all the way. Wise kicked a perfect placement for the extra point.

Only Pomona's half of the scoreboard changed after that. The Tigers' alert pass interceptions made possible four more touchdowns. All but one of the seven attempts at conversions were blocked by a fast charging Tech line.

With less than a minute to go in the final quarter Woody, well protected by a solid line, again took to the air. He hit left end Gaines twice for long advances and Peters was downed on the 5-yard mark after a brilliant catch just as the game ended.

pected to be played, but as yet, their schedule is undetermined.

# Engineers Face Oxy Eleven In Rose Bowl Tomorrow Nite

## Norman Passes To Tech Win

The eager Beavers broke into the winning column last Friday night with a 22-21 thriller over La Verne at the Bonita Field. Tech, a pre-game favorite for a change, had a real battle on its hands all night as the bilious-green suited La Vernites refused to give up, scoring their final touchdown in the last 2 seconds of the game.

La Verne opened the scoring when Shamblin took a lateral around his own left end for 6 points, midway through the first quarter. Tech roared back in the second quarter when a pass from Chuck Norman to Odell Carson was good for 35 yards and a score. The Engineers' joy was short-lived however, for on the kick-off following this touchdown, Mr. Shamblin went 75 yards through the entire Tech team to make it 14 for La Verne to 6 for Tech.

**Comeback**  
This was a situation that could not be tolerated by Bob Funk, the Tech QB, and he called upon the trusty arm of Chuck Norman once more. The Chucker passed to good old Odell Carson for 37 yards, and then hit Funk from a spread formation for 16 more and the second Beaver touchdown. This time Chuck also made the conversion, and the half-time score was Tech 13, La Verne 14.

The second half saw the launching of huge Art Miller as a Tech fullback. Art, a 250 pound converted tackle, rolled through the La Verne line at will, presenting the new look in irresistible forces. Don Baker, on this occasion playing wing-back, took a hand-off from Miller and ran 38 yards to begin Tech's third scoring drive. Norman then passed to Don Hibbard for 18

(Continued on Page 6)

## Undefeated Bengal Turfmen Favorites In Traditional Tilt

Tomorrow night the Occidental Tigers and the Caltech Beavers meet in their traditional gridiron duel. And the Bengals enter the fray again as a heavy favorite, with the Engineers as the decided underdog with the reputation of creating some amazing upsets. The two squads have met in 34 encounters with Oxy annexing 22 wins and Tech 10, and 2 games ending in ties.

## Frosh Sports Roundup

By Leon Michaelson

It's a long way to Pomona and, to the Frosh football team at least, it was a longer way back. The Tigers made a 37 to 7 impression upon us but that will be meat for revenge to be applied to Oxy at 5:45 Friday in the Rose Bowl. Again this week we saw in the team a spirit that made up for the lack of experience. We saw the Tech team, far behind, score once, hold diligently, then sparkle in a last minute drive to the Tigers' 5 yard line at the final gun.

The squad that started against Pomona last Saturday did not represent the full Tech team. While backs Karasawa and Patajoff are still sidelined through foot injuries and end Cooke is nursing a cold, the regulars and reserves are definitely below top efficiency. We hope to have the full team at Oxy.

The performance of the team as a whole was notable, but the excellent punting of Woody when Tech men were in need of relief on third and fourth downs was especially noteworthy. Also commendable were the passes of Woody to Paulson, Gaines and Peters. Paulson caught a fine pass near the Pomona 40 yard line and out ran the scat-back for the Beaver touchdown. Passes to Gaines and a final one to Peters were the impetus of the outstanding drive to the Tigers 5 yard line, which was halted only by the final gun.

(Continued on Page 6)

**Tigers Unbeaten**  
The Tigers are the only undefeated grid eleven in Southern California and Coach Roy Dennis plans to keep his slate clean tomorrow night. Possibly he has good reasons to be on the confident side; with his boys winning four straight, including a win over the Santa Barbara Gauchos.

**Trump Shines**  
In the backfield he has little Johnny Trump at half, who has sparked the Bengal offense all season. In the quarterback slot, Johnson will be calling some snappy plays from the T, which is coached by no one else than Bob Waterfield. With Evans and Bob Ingersoll filling in the other back assignments, Mr. Dennis will demonstrate to the fans a mighty fine running attack.

**Line Heavy**  
In the forward wall, All-Conference Armstrong leads the squad at center. While at ends the Bengals have two fine boys in Person and Levin. With the other huskies in place, the Tiger

## S.C.I.C. Standing

	W	L	Pct.
OCCIDENTAL	1	0	1.000
POMONA	1	0	1.000
WHITTIER	1	1	.500
REDLANDS	0	0	.000
CALTECH	0	2	.000

Games this week:  
Caltech vs. Occidental at Rose Bowl.  
Redlands at Pomona.  
Whittier at Cal-Poly.

line will average in the neighborhood of around 204 pounds. And to add more gloom, they are three and four deep in reserves. The Oxy line is definitely the most potent seen in many a year.

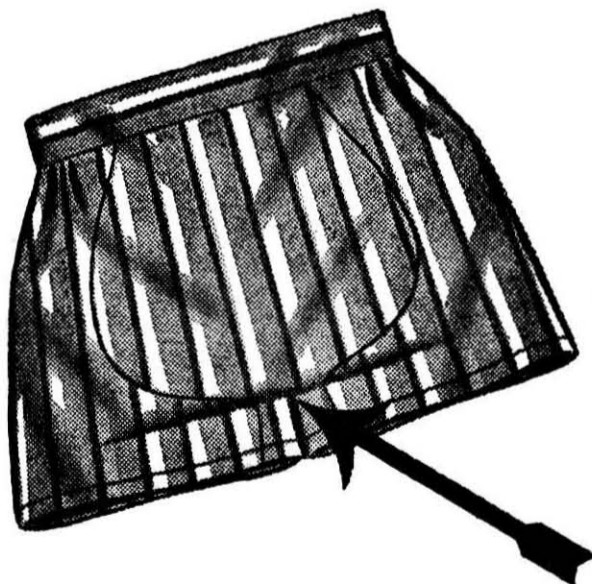
**Tech to Pass**  
For the Beavers the picture is none too bright. Coach Anderson will field a scrappy and determined team led by backs Norman and Funk. The "Chucker" has played only two games this year but has thrown three touchdown passes and set up another with his pitching. Bobby Funk has been calling some pretty smart ball this season and will keep the Bengal eleven guessing every minute. Sylvies and Baker will fill out the other backfield posts. Tomorrow's game should develop into a duel between Norman's passing and

(Continued on Page 6)

## PIGSKIN PROGNOSTICATIONS

GAME	ATHLETIC DEPARTMENT		SPORTS STAFF	
	Coach Anderson	Hal Musselman	Goon Saltman	Thorne Butler
USC California	California 14	California 21	California 7	California 18
Cornell Columbia	Cornell 6	Cornell 13	Cornell 7	Cornell 7
Northwestern Ohio State	Northwestern 13	Northwestern 13	Northwestern 21	Northwestern 7
N. Carolina Tennessee	N. Carolina 7	N. Carolina 21	N. Carolina 14	N. Carolina 27
Stanford Washington	Washington 13	Washington 1	Washington 7	Stanford 2

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## Radio Group Plans Formal Meeting

There will be a formal meeting of the Caltech Radio Club Monday, November 1, in 401 Bridge. All members are expected to attend.

### Subjects

Discussions concerning finances will be held. Availability of equipment will be arranged. It will also be determined when and how code classes shall be conducted.

Presumably those interested will be there, or they may contact Bob Madden, Radio Club secretary, in Fleming 8.

## ENGINEERS FACE OXY

(Continued from Page 5)

Trump's running. The Engineers will be tossing the ellipsoid everywhere and a little luck should result in a tally or two.

### Bass, Hibbard in Line

Big "Tex" Bass and Don Hibbard, the Engineers' two name players, will lead the forward wall. Both these boys have played outstanding ball and will again receive All-Conference spots without much doubt. Walquist, Marks, Reed, Carson, and Blom will make up the rest of the Engineer line which represents quite a bit of power. Berner will be in at center on defense and possibly Art Miller at tackle unless he has a fullback assignment on offense.

### Oxy Heavy Favorite

The odds are all in favor of the Occidental lads from Eagle Rock. Their unblemished record and impressive scores make them a top heavy favorite to win tomorrow night and to go on to conference victory. The Bengals are a big, highly experienced ball club and definitely rate the praise being doled out by the local sport writers.

Everyone out to see this traditional game at the Rose Bowl. Remember game time 8:00 Friday. Also let's have a few root-

## TALKIN' IT OVER

(Continued from Page 5)

was averaging over three yards per play which is good in anyone's book.

By the way, congratulations on the fine showing of you fans at the Panther's Play-pen last Friday. It was great to see that we had more rooters than the opposition for the first time and also more points at the end of the game. Let's see if we can get about 2,000 out for the grid titanic of the season tomorrow night.

### Song Leaders

Ever since the contract for the girl song leaders has been torn up by the Board of Directors I've been hearing a lot of crying and moaning from some of the boys. Let's face it guys. If you come to the game to see a bunch of girls swing and sway to the mellow strains of Sellen's Smoothies you're at the wrong place. The Burbank is just down the road a piece. Let's put the effort and noise that is being used to get the girls back, into yelling for the team with the yell leaders.

ers at the Frosh game which commences at 5:30.

Lineups:	Person	REL	CALTECH
Person	REL	Hibbard	
Ingersoll	RGL	Bass	
Stinson	RTL	Marks	
Armstrong	LC	Blom	
Huebner	LGT	Reed	
Chillots	LTR	Walquist	
Levin	LER	Carson	
Johnson	QB	Funk	
Thrupp	HB	Sylvies	
Evans	HB	Norman	
Ingersoll	FB	Baker	

## TAUBETE PLEDGING

(Continued from Page 1)

exercised in the choosing of pledges so as to obtain men who will become of value to the chapter and to their profession. Wearers of the "Bent" are not only skilled academically but are also men who have revealed ability in other fields, and also what are known as "character traits." Dependability and honesty count, and even such a vaguely defined trait as being a "good man."

### Advantage

Being a member is a valuable asset to any man who wishes to obtain a job, since Taubates are known to have both the academic record which is required and the ability to work with others.

A special honor is conferred upon those who are initiated into Tau Beta Pi in their Junior year, since they are thought of as "honor" Taubates. Juniors who gain this distinction do so because of very outstanding grades and ability. Only a very few, six at most, are so chosen. But a much larger number are chosen from the senior class.

### Unique Position

Caltech is in the rather unique position of being the only university in the country where a science student can be pledged into Tau Beta Pi. When the chapter was first organized on campus, it was only with the understanding that they be allowed to take in science students also, since it was felt that

## NORMAN PASSES

(Continued from Page 5)

yards and a first down on La Verne's 2 yard line. Naturally, it was Miller through the middle again for 6 points, and Chuck converted.

A highlight of this scoring drive was a pass from Norman which was caught simultaneously by Hibbard and a La Verne man. The ensuing scramble, fumble, and argument held up the game for 5 minutes while the officials concocted their irrevocable decision.

### Safety

In the fourth period Manuel Bass set the Leopards back on their 8 yard line with a 43 yard punt. Two plays later Don Hibbard trapped an unfortunate La Verne back in his end zone, and pounced on him for a safety. Score so far, Tech 22, La Verne 14 points.

Late in the final quarter, La Verne capitalized on a Tech fumble to start their march that ended with F. Barnhart scoring on a pass play; the conversion was good. Final score: Tech 22, La Verne 21.

Score:	Caltech	La Verne
Caltech	0	13
La Verne	7	7

there should be only one honorary fraternity on campus. Phi Beta Kappa absolutely refused to accept engineering students, but Tau Beta Pi agreed to make an exception to their usual rule in the case of Caltech.

## LAYTON SPEAKER

(Continued from Page 1)

he spent five years with the Griffith Company, engineering contractors. For the last five or six years, he has been with the L. E. Dixon Company, an outgrowth of Edward Wildey and Dixon and is currently in charge of the tension of the La Verne Water Softening Plant Facilities for the Metropolitan Water District. He has been with construction industry continuously.

### Still in Dabney Lounge

Barring last minute changes, of course, the time and place will be the same as usual, 4:30 p.m. in Dabney Lounge, and again informality will be the keynote.

Yesterday's lecture on the Petroleum Industry, by Mr. T. A. Atkinson, was heard by an enthusiastic throng. Interest in the subject was indicated by the fact that all types of engineers, plus a few scientists, were present.

## NEW STAFF MEMBERS

(Continued from Page 1)

for every three students.

Of 55 new research fellows added to the faculty during the fifteen months, 25 are from foreign countries, including Switzerland which has the most—5; China—3; India, Canada, Belgium, Palestine and England, 2 each; and Denmark, Austria, France, Poland, Ireland, and Bolivia, 1 each.

## FROSH SPORTS ROUNDUP

(Continued from Page 5)

### Cross-Country

Frosh cross-country men have been outstanding in pre-season performances. A contest where the Frosh run with the varsity is being planned against USC about November 9. The frosh team will run against Pomona at 4:00 p.m. on November 12.

### Interhouse

The babies of the Tech family did very well for themselves in the one and one-half mile interhouse meet held last week. Out of twenty-four entries, the Frosh class placed five men as follows: 1st, Pilkington; 4th, Connor; 6th, Parnes; 12th, Rawn; and 14th, Butler. These results show in themselves that the squad this year has an excellent chance of continuing the championship won by the Frosh last year.

## PI KAPPA DELTA

(Continued from Page 1)

perdine College.

Entering debate, extempore and impromptu, Ken Terwilliger demonstrated his ability by making the semi-finals in two tournaments.

### Old Honorary

Pi Kappa Delta is a nationwide honorary speech society which includes 125 Universities and was established here in 1922. It is one of the oldest honoraries on campus. The current president of the Tech branch is Bernard Rudin and the secretary is Ulrich Merten.

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