

Hot Time at Caltech Tonight

CALIFORNIA TECH

California Institute of Technology

Thursday, October 19, 1950

No. 4

Volume LII.

Oxy Favored in 37th Grid Classic

Tech Team Guns For Upset Over Undefeated Tigers Saturday Night

Patterson Field will be the scene of the thirty-seventh annual renewal of the Beaver-Tiger gridiron classic this Saturday night at 8 o'clock.

Out to increase by one their 24 wins over Caltech teams of the past, the Occidental eleven has shifted its emphasis to defense and is placing hopes on the breakaway type of ground play rather than air assaults.

Coach LaBrucherie, finding most positions without depth, is expected to dig into his strategy bag for help in the situation.

Echo Whittier

Looking back at the Whittier contest, where the Poets handed the locals a 35-7 drubbing, we happily find that they were more of an offensive team, rather than of the stone wall variety.

The main power of Oxy Saturday will be in their hard-charging line in the role of defense, and measures to combat them are being worked out.

Jack "Mr. Outside Jr." Walker, who showed his pigskin prowess in the Poet encounter by turning in a five and one-half yards per try average, will be a must on every Oxy lineman's list. Plungewise with Woody and through the air from Karasawa to Moore are threats that should make these men take top billing in any defensive team's danger list.

Tiger Threats

All conference, 145 lb. Chuck Schlegel will be the big-little gun for the Tigers. He will be striving to maintain his 7 yard average for 38 ball carrying assignments this season.

Jack Robinette, fullback, has averaged 3.5 yards thus far this season and completes the Oxy ground attack. Air power is noticeably weak.

Dabbling at the ever dangerous business of score comparing, we see Occidental heavy favorites. By virtue of Sophomore Vince McCullough's pass inter-

(Continued on Page 5)

Candidates for First Rep Named

Art Cuse, a senior, and Bob Perpall, a junior, were nominated for the office of first representative at the assembly in Culbertson last Friday.

The first representative acts as ASCIT social chairman, and he is responsible for arranging at least three ASCIT social functions each year. He is also a member of the honor point committee.

Qualifications

Art Cuse's qualifications include being a jazz expert, being in close contact with the social chairmen of Scripps, Oxy, Muir and PCC, and helping on the Blacker social program. He is a member of the sailing club,

(Continued on Page 6)

Musicale Gives Live Concert

Stanley Plummer, the young concert violinist, will give an informal recital Sunday afternoon at 4 o'clock in Dabney Hall Lounge. The program will include Edouard Lalo's "Symphonie Espagnole" and a group of shorter works.

Distinguished Artist

Mr. Plummer, who is now concertmaster of the Pasadena Civic Orchestra, has given recitals in many cities including New York, San Francisco, Sacramento, Santa Barbara and local cities. He was first-place winner in the national Carnegie Hall contest, the U.C.L.A. Royce Hall Young Artists Competition and the Coleman Chamber Music Contest, and has appeared recently as soloist with the Sacramento Symphony and the Pasadena Civic Orchestra.

Howard Martinez, pianist, will accompany. There will be no admission charge.

Short Story Contest Opens

The fifth annual College Writers' Short Story Contest has just been announced by TOMORROW Magazine. First prize is \$500; second, \$300, and the third, \$200. Manuscripts will be judged by the editors of TOMORROW and the editors of Creative Age Press, an affiliate of TOMORROW.

The prize-winning stories will be published in the spring and summer of 1951. All other manuscripts will be considered for publication as regular contributions and paid for at TOMORROW'S regular rates. This year the editors of Creative Age Press will be interested in considering any novel-length work of the winners.

Entries should be addressed to College Contest, TOMORROW Magazine, 11 East 44th Street, New York 17, N.Y. The contest closes midnight, Jan. 15, 1951.

The contest is open to anyone registered and taking at least one course in any college or university in the United States. This includes undergraduate, graduate, special, extension and adult students. Manuscripts may not exceed 5000 words. Any number of manuscripts may be sub-

(Continued on Page 6)

Boxes Blaze, Pajamas Parade Oxy Entertains at Pajamarino

Techmen will be setting the world on fire tonight in Tournament Park, when the annual Pajamarino gets under way.

After being nourished by a wholesome student house meal served picnic style in Tournament Park at 7 p.m., all Tech students are expected to exert all their available energies in the festivities which will follow.

The rally will begin at 7:30 with songs and yells accompanied by the Caltech band. A reminder is issued by the cheerleaders for all students to be sure and learn all the yells.

Hot Log

The efforts of over 100 frosh (and numerous upperclassmen) will then be culminated with the lighting of the bonfire, which, judging by present progress, promises to be bigger than ever. Premature detonation of the thousands of devously and ingeniously gathered wooden boxes will have been prevented by a week-long night vigil participated in by most of the house frosh.

Pajama Parade

Before everyone has completely lost his voice from yelling, the parade of pajama-clad techmen will form and follow, singing and yelling, along the traditional path down California Street to Lake Avenue, north on Lake to Colorado Street, west on Colorado to Marengo Avenue and north one block to the American Legion Hall. Please remember that our parade permit allows only a few specially authorized cars.

At Legion Hall, the entertainment will begin with a pajama contest. The violently and originally clad Techmen who are the lucky winners will be rewarded with valuable prizes donated by Fowler's, Nash's, and Atkinson's.

Oxy Entertains

The hardy troops will then be treated to a program presented by the Occidental College glee club. Warming up with a bit of community singing, they will present a piano comedy routine and two quartet numbers, titled "Silver Dollar" and "Shadrach." Next will be a feminine vocal solo of "Lover, Come Back to Me."

The highlights of the evening will be a spine-tingling melodrama entitled "Adam's Balm," presented by seven Oxy girls. This fabulous example of the drama will be preceded by a comedy monologue, "Moving Day."

To the Pits

When the last curtain comes down, the revelers will wend their weary way back to Tech, to finish the evening snacking or any other way they see fit. Remember that dinner tonight will be served in the park only, except for the training table. See you tonight, and don't forget your vocal cords and pajamas.



These seven talented young ladies of Occidental College will present "Adam's Rib," a thrilling melodrama, to the Caltech Pajamarino audience at Legion Hall tonight.

And How Is It Over There?

Tanham, Eagleson Relate European Adventures

By Bob Cobb

"Well, it was better than it was when I was there during the war." This was Mr. George Tanham's opinion of Europe, which he toured last summer with Mrs. Tanham and Dr. Eagleson.

Mr. Tanham is an instructor in history at the Institute, and is master of the student houses, and Dr. Eagleson is a professor of English here.

Mostly in Belgium

While much of the summer was spent in Belgium, where Mr. Tanham was studying, the party did take a tour of most of the continent, including France, Holland, Switzerland, Denmark, Belgium, Italy, and England.

Both of the interviewees agreed that there were many surface indications of a return to normalcy. Many countries had removed practically all the debris of war, although Germany still had many areas of ruins. Mr. Tanham spoke of Rotterdam, which was heavily hit during the war, but where now "there are pastures in the middle of the city," where the rubble is cleared away. New apartment buildings are going up, and the city is generally rebuilding.

"Parking" Places

Dr. Eagleson echoed these same thoughts in telling London, where the ruins have been cleared away, but where "re-

building hasn't gone very far because the planners of London haven't yet decided which vacant areas to leave for parks. There are many of these vacant areas, but the mess has all been cleared away."

Germany Hardest Hit

Germany, the country which both men said received the heaviest damage, still is partly in ruins. Dr. Eagleson remarked, "most of the German cities are simply gone—the damage is unbelievable. The people are very shabby, their clothes are sleazy, and are really only pieces of clothes, of all kinds."

The only schools and universities with which the two educators came into contact were in Belgium. According to Mr. Tanham, these are "going full blast, with their largest enrollments in history, and the usual problems of where to put all the students."

And what sort of accommodations were found by the travelers? Mr. Tanham remarked "we took a two weeks motor tour through France, with no advance reservations, but we always found accommodations, usually in small hotels, which were good, and cheap, too."

Dr. Eagleson said "it is still possible to find out of the way places which are fairly peaceful and pleasant. Some of the small towns in Switzerland were espe-

cially nice."

Prices Good

Prices were generally good, compared to American standards, and Mr. Tanham stated "in Belgium the standard of living is much the same as it is here, and prices are about equal. The food, for instance, was excellent, and cost about the same as in America."

And what about the people? The answer to this question was the same from both men. Said Dr. Eagleson, "the people depressed us very much. They impressed us as being listless and tired. They don't want the Russians to take them over, and they want us to defend them. We were there when the news from Korea was bad, and they weren't very happy."

People Depressed

Mr. Tanham was similarly impressed. He said, "We became more depressed the more we saw of them. They were apathetic, and didn't give a damn. I think our biggest failure was in not inspiring them. They have nothing to believe in, since they don't believe in us. They say they will fight, but I don't think that they will fight with very much spirit."

"They expect us to feed them, to clothe them, and to protect them. They only live from day to day."

Assembly Films Back Tolerance

Unusual pictures on world brotherhood were shown last Friday at the Assembly. The pictures were distributed by the Anti-Defamation League of the B'nai B'rith. They were animated color reproductions of a modern artist's interpretation of the

problem of racial prejudice and war.

Man Can Live in Peace

The first of the series, and the longest, was entitled "Pictures in Your Mind," and dealt with the inherent narrow-mindedness of mankind from the beginning of time to the present. It showed how man could live in peace if he could learn to control these prejudices.

The second was entitled "The Races of Mankind." It showed how all the races are equal in everything except color and showed that only by ignoring color can world peace be achieved.

Futuristic Effect

The third was "Boundary Line." It presented the idea that those mental and physical boundaries which separate people may also be used to hold them together.

Serving the refreshments were several faculty daughters. The freshman class, because of its size and the finite capacity of the DuBridge home, was divided into two parts which attended on separate afternoons.

Spokesmen for the class of '54 have expressed appreciation for what they term "a splendid afternoon."

The outstanding thing about these three pictures was the way they presented their arguments. The art was extremely futuristic and created a weird effect which aided in the presentation of the thoughts contained in the pictures.

Interview Schedule

Oct. 25: An assembly will be held at 4:15 in Room 206-D to explain the opportunities offered by the Civil Service Commission's announced examinations for Junior Scientist-Engineer, Junior Professional Assistant and Junior Management Assistant. The speaker will be Mr. William H. Saylor, Associate Director for Engineer at the U.S. Naval Ordnance Test Station at Inyokern.

Oct. 26: Representatives from the Civil Service Commission will be on campus to interview students who desire to secure more information concerning these examinations and opportunities for a Federal career. Arrangements for an interview may be made by contacting the Placement Office in 120 Throop. Forms for filing may be obtained from the Civil Service representative while on campus or from the Placement Office.

October 17 to November 30—Junior Scientist-Engineer: The dates are for filing and covers (Continued on Page 6)

Campus Calendar

THURSDAY, OCTOBER 19
7:30 Picnic dinner at Tournament Park
7:30 Pep rally and gigantic bonfire
8:00 PAJAMARINO into Pasadena
9:00 Gala program at Legion Hall

FRIDAY, OCTOBER 20
1:30 ASME Field Trip
8:00 Dabney "Thurter" Party

SATURDAY, OCTOBER 21
8:00 Football game with Occidental there
10:00 Dance at Oxy; Caltech invited.

SUNDAY, OCTOBER 22
7:30 Film classics in Culbertson Hall

MONDAY, OCTOBER 23
11:00 Dance meeting
7:30 Film classics in Culbertson Hall

TUESDAY, OCTOBER 24
7:30 Band rehearsal in Culbertson Hall

(Continued on Page 6)

Communism? and the Oath

You are now thinking to yourself, after having read the title of this editorial, "Why is The Tech making such a big fuss over something that's been a dead duck for almost a half year, and doesn't even concern Tech or me directly?"

It will be easier to answer this question, and also say what we have to say about the University of California loyalty oath, after we give some of the background of controversy—background of which many people are not cognizant.

Just Like Ham and Eggs

Inevitably the U.C. loyalty oath is tied in with the issue of Communism. Loyalty oath and Communism are two words as inexorably joined as ham and eggs. And this connection of Communism with the U.S. loyalty oath brings up, again, inevitably, the questions, "Well, if those profs at Cal aren't commies, why do they mind signing an oath that they're not? What academic privileges will they lose, really, if they do sign it?"

These questions are only expressions of a naive, unsophisticated attitude taken by many men of good will, and also by certain of our large metropolitan papers. If the issue in the controversy were whether Communists should be permitted on the University of California faculty, then those inevitably asked questions might really be pertinent to any discussion of the loyalty oath.

The Real Issues

But the issue is not that. Rather, the non-signers, and the others who by one means or another feel they were coerced into signing the oath, are concerned about the first abridgment of rights and privileges belonging by long custom, usage, and propriety, to the faculty of a university: the right of a university faculty to choose its own members (within certain broad limits), and the right of a teacher to feel that he cannot be arbitrarily discharged from his post—the traditional right of academic tenure.

A short history of the loyalty oath controversy will serve clearer than any further argumentation might to make the distinction between the real issue at stake and the one commonly given by proponents of the oath.

We shall quote heavily from a history of the loyalty oath fight issued by the Academic Assembly of the University of California, an organization of all teachers below the rank of professor.

Not Communism

Preliminary to this short history, we might remark that the faculty agreed in 1940 to a general policy of not retaining any one whose political commitments interfered with free and impartial scholarship and teaching. The interpretation of this resolution, made by the Academic Senate of U.C., made it clear that communists, fascists, and other like followers of the extreme Right or Left had such political commitments.

The History of the Oath

Quoting from the Academic Assembly's history of the controversy, "The loyalty oath was first proposed by President Sproul in the spring of 1949 (allegedly to forestall the imposition of an even "worse" oath and other restrictive laws by the state legislature). The faculty indicated that they would agree to revision of the oath if it could be made mutually acceptable to faculty and Regents."

"The Regents responded to this request by duly modifying the oath, but making it more objectionable than before and mailing it to the faculty for signing without ascertaining the faculty's opinion as to its acceptability.

"During the summer and fall of 1949 a continuous and mounting pressure to sign the oath was applied to the faculty. A succession of faculty committees met with the Regents attempting to negotiate toward the evasive goal of 'mutual acceptance.' They were invariably rebuffed. Ultimata were delivered by the Regents. On February 24, 1950, a final ultimatum was delivered: 'Sign or get out.'

"Faced with this critical situation, the faculty made explicit what had become increasingly apparent, namely that the faculty were prepared to accept the oath if the means of implementing the test were acceptable.

"They requested a compromise: they would affirm their recognition of the policy but would not swear as individuals concerning their political beliefs. The Regents' refusal to consider this compromise led to one of the very few occasions where the faculty appeared to be genuinely united: they agreed almost to a man—non-signers and those who had signed the oath months before—that no professor should be fired simply for his refusal to sign the oath.

The Alumni Compromise

"What might have developed into a mass resignation or some other form of strong protest was averted by still another compromise—this time submitted by a group of the University's alumni. At long last 'mutual acceptance' was achieved. The 'Alumni Compromise' was approved by the Regents in April and accepted by the faculty shortly afterwards.

An Oath by Any Other Name

"The mutually accepted oath (which semanticists point out is really not an oath because it involves stating rather than swearing or affirming) is incorporated into the contract which all faculty must sign each year. It involves specific disavowal of membership in the Communist Party and disavowal of any commitments which prejudice impartial scholarship.

"By way of appeasement for the several score faculty who appeared steadfast in their opposition to any kind of political test, an alternative to signing the contract was offered. The alternative involved a loyalty hearing by a faculty committee for each individual who chose not to sign.

No Communists Allowed

"Upon satisfying itself that the individual was neither a member of the Communist Party nor opposed the policy of barring communists from teaching, the committee recommended to the Regents that the individual not be dismissed.

"Upwards of sixty senior faculty members chose the hearing alternative, and six of these have been recommended for dismissal by the hearing committee. These six were termed 'uncooperative' by the committee, meaning that they refused to discuss their political beliefs in any way. The Regents have accepted the committee's recommendation. The six have been fired.

"More than eighty junior faculty members likewise had hearings and at least five of these have been recommended for dismissal on the same grounds of uncooperativeness. It should be noted that the eleven or more who have been dismissed were not charged with being Communists."

Faculty Self-Control in the Compromise

This, then, is the history of the oath. Several items not mentioned in the Academic Assembly's version of the controversy might disclose even further what is the real battle between Regents and faculty.

The Alumni Compromise was, despite the quibbling in above history, an oath. However, it provided within the self-governing body of the faculty, the Academic Senate, a mechanism for letting the faculty itself decide on who was qualified to teach.

The policy of excluding Communists is followed in this compromise. Having attended the second meeting of the Board of Regents ourselves, we can testify that all the regents agreed that none of the 31 non-signers of the contractual compromise were Communists.

(Continued on Page 6)

Root Mean Square

With the hope of stimulating more widespread interest in the "manners and morals, creeds and customs" of the average C.I.T. undergraduate, the editorial board of the California Tech herewith initiates a new feature of the Institute's weekly newspaper—"The Root Mean Square."

100 Questioned

As randomly and impartially as possible, a general sampling will be taken on varied and interesting questions, including topics of almost every nature. For this week's poll, twenty-five representative students were interrogated from each house, although hereafter an attempt will be made to include off-campus members of the undergraduate body. Resident Associates will be included at random in the general rounds of the houses.

For this week we surveyed the students on the following queries:

Are you for or against the Loyalty Oath at the University of California?

For	19
Against	54
Undecided	27

Do you smoke?

Not at all	65
Occasionally	15
Regularly	20

Do you wear glasses?

Not at all	53
For reading, etc.	26
Most of the time.....	21

Three Sundays have elapsed since school has started. On how many of these Sundays have you attended church?

None	84
One	2
Two	3
Three	11

Do you intend to enter graduate school? (including other institutions as well as Tech.)

Have not decided 17

Of those who have decided, the breakdown for engineering students was as follows:

Will not attend graduate school 23

Will attend for one year only 6

Will attend for more than one year 15

(It is noteworthy that several stated that they would not do engineering work in graduate school; of this category many were planning to take business courses).

Of the science majors, the following figures resulted:

Will not attend graduate school 3

Will attend for one year only 3

Will attend for more than one year 31

For Your "Double Life"...



New Arrow "Doubler"

It's easy to quick-change with the "Doubler." For lounging, for sports . . . wear the collar open. Close it, add a tie . . . and you're set for class or date. Try it!

\$3.95

ARROW SHIRTS & TIES

UNDERWEAR • HANDKERCHIEFS • SPORTS SHIRTS

CAMPUS BREWINS

"Yet fome, alas! in every trivial caufe,
"To stop a gap in speech,
for a paufe,
"Or to fill up the fentenfe,
at each word,
"From mouths unhallow'd,
breathe Christ, God or
or Lord."

—Oglethorpe.

It is with heavy heart that the Beak takes up his quill this eve, for many complaints about these weekly pennings have come to our ears. The first hint came several evenings ago, as we sat in a booth at the Brass Rail, a fork idle in our nerveless fingers, and our gaze ravenously fixed upon Eunice.

Under the influence of several sarsaparillas with Angostura bitters, Eunice confided to us that a certain column in the weekly "Bugle of Science" was simply over her head, the poor thing.

Stricken with a fleeting feeling of disquietude at this, the Beak has tonight doped himself with peanut butter so as to put out a homely column like mother used to make, yet he is all too human.

We therefore humbly beg the forgiveness of the reader who will not find his popcorn-eating activities described herein, and refer him to the social pages of the Axhandle Junction Gazette.

Wistful Thinking

The Beak cannot but wistfully think back upon the spring

of 1946, which, in many ways, was the most romantic part of his life. He was, in that turbulent and frisky epic, an artist of sorts, specializing in neo-primitive woodcuts, of a heavily waggish nature, that appeared with chilling infrequency in the Ax-handle Junction Gazette.

It was a hard dollar, and though it allowed us to get by on half as many haircuts, we resolved to do homage unto Calypso rather than Europhyne. It is thus that the Bugle reader has had to put up with us, and, barring pestilence or earthquake, will continue to do so.

Aimless Drifting

The Beak had been drifting about aimlessly for over an hour, gaping at the fighting fish in the pet shops, and watching the Rattan weavers plait their baskets, when he chanced to walk into the Student Houses Friday night.

We understood Fleming to have social events this term of a frequency rivalling that of oil wells in the Gobi Desert, and thus almost dropped our uppers at beholding a post-theaterparty dance in the naked cavern. Over all of hung a warm miasma vaguely suggestive of a steam laundry, and the quiet darkness was only broken by occasional drippings from the stalactites.

The Beak peered hard and long, beheld nothing, and ambled over to Blacker. There, too, a scene of seamy intimacy greeted him. Both Boppart and an ap-

The California Tech

Published every Thursday during the college year except during examinations and holiday periods.

California Institute of Technology

1201 East California Street, Pasadena, Calif.

Subscription rates: \$1.50 per year.

Entered as second-class matter Nov. 22, 1947, at the Post Office in Pasadena, California, under the Act of March 3, 1879.

Offices: Lower Fleming

Telephone: SYcamore 6-7121 Ext. 180

Bob Kurland, Editor

EDITORIAL STAFF

Managing Editor Barney Engholm

News Editors Duane Marshall

Budd LeTourneau

Sports Editors Jesse Weil

Feature Editor Thorne Butler

Copy Chief Bill Whitney

News Staff Tony Malanoski, Larry Starr, Ed Piatt, Stan Groper, Jim La-Tourette, Al Jackson, Jim Crosby

Sports Staff Perry Vartanian, Andy Boush, Ed Welch, Pete Mason

Copy Staff Bob Cobb, Don Tierney, Mike Mecherikoff, Ron Raley, George Moore, Paul Helfrey, Tom Connolly

Special Writers Bill Whitney, Ed Matzner, Bob Madden, John Rogers, Duane Marshall, Chuck Benjamin

Photographers John Boppart, chief

George Stranahan

BUSINESS STAFF

Business Manager Charlie Steese

Circulation Manager Chuck Walker

parently disembodied leg were espied, and, continuing his aimless migrations, the Beak dropped in casually on the Dabney-Whittier exchange.

With rare poor judgment, he entered through the court, only to find himself engulfed in the maelstrom of a folk dance, led by Cardinal Brewer, whom the Beak now holds personally responsible for his next fifteen minutes of humid misery.

Finally, having thoughtfully latched on to a palm tree for a

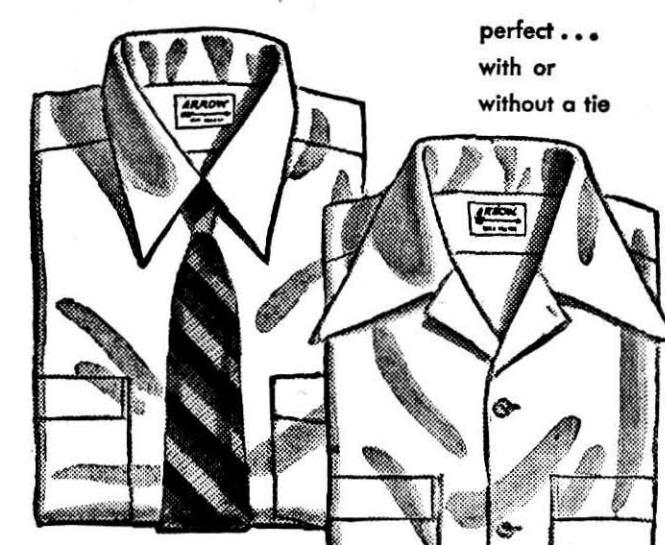
(Continued on Page 4)



The Smartest Convertible Around!

Wear the Arrow "Doubler"

perfect . . . with or without a tie



ON THE RECORD

By Bill Whitney

October is nearly half over—in no time at all, November will be upon us, and with it another concert season for the Los Angeles area. All this doesn't herald any radical change in our schedules here. The majority of people don't have the interest in music, classical or otherwise, to go out of their way to hear it performed. Others haven't the time, perhaps not the money, to afford frequent visits to the concert theaters. Nevertheless, there are many Caltech people who find they do have time for a few of the more outstanding musical events. For them, the beginning of a new season means at least the opportunity to choose from among a greater variety of concerts.

L.A. Philharmonic

And there is plenty of variety. The staple offering is, of course, the Los Angeles Philharmonic Orchestra concerts, which commence Nov. 16-17 in a performance featuring Kirsten Flagstad as soloist. During the remainder of the year, until April 20, everything from Bach to the moderns will be presented by the orchestra, under the direction of Alfred Wallenstein and with the capable assistance of such outstanding soloists as Heifetz, Casadesus, Tagliavini, Ricci, Stern, and many others.

It is these concerts which usually have the greatest effect in overcoming Caltech inertia. This

year, for instance, 28 season admissions have been sold on campus to students; undoubtedly there will be more. The principal selling features are the very reasonable prices of the tickets (40-some cents per concert on a season admission), and, this year, the fact that transportation will be available at convenient terms for both car owners and their riders.

San Francisco Opera

Beginning Oct. 31 with Andrea Chenier, the San Francisco Opera Company will play in Los Angeles until Nov. 12, in the meantime presenting Lucia Di Lammermoor, Tristan und Isolde, Marriage of Figaro, Manon Lescaut, Parsifal, La Boheme, Otello, Barber of Seville, Suor Angelica and Salome. The Magic Flute, Aida and Rigoletto—a short but well-rounded season. This represents the only appearance of a major opera company in Los Angeles this year, but those people who never get enough opera will discover smaller groups passing through from time to time. Some of the local organizations, particularly conservatories and colleges, often put on excellent productions.

Other Series

There are sufficient concert series within a 25-mile radius of Pasadena to keep a person busy every night of the week, if he couldn't forego missing one of them. If you like symphony music, but in small and not-too-frequent dosages, you probably would be interested in the six L.A. Philharmonic Concerts

which will be given at the Civic Auditorium during the year. The Elmer Wilson Concert Course, also at the Civic, will offer Vladimir Horowitz, Jacques Thibaud, Robert Merrill, Giuseppe di Stefano and Clifford Curzon.

The Coleman Chamber Music Series has in the past attracted Caltech personnel, perhaps because the performances are always given on Sundays. The first will be on Oct. 29, when Jesus Maria Sanroma and the Fine Arts Quartet will be featured. Later on in the year, the Juilliard Quartet, the Intimate Opera of London, the Griller Quartet, the Pasquier Trio, and Nicolai and Joanna Graudan with Mitchell Lurie will appear successively on the stage of the Pasadena Playhouse.

L.A. Chamber Music

There are still greater opportunities for hearing chamber music in Los Angeles. The Monday Evenings on the Roof at Wilshire Ebell are outstanding, as well as any of the other Music Guild presentations.

So there are unlimited possibilities for hearing live music, if your interests run toward that. Still others which haven't been mentioned here will be brought to your attention from time to time as the year progresses. Watch for the concert schedules which will be published regularly in the Tech, and if you have any questions concerning ticket prices or programs, see Bill Whitney in Dabney.

Who Dealt This Mess

By JOHN ROGERS

Nobody ever makes a speech or writes a song about bridge, and yet perhaps more words are spoken about the game than about politics or the singing of the new hit, "Baby, Baby, With the Light Pink Eyes."

Most of the conversation around the bridge table, however, is completely unnecessary and uninvited. Such statements, however true, as "Partner, you haven't got the brains of a three-headed crocodile," or, "If you'd had any sense you would've seen I couldn't make the bid," seldom cause a favorable reaction in partner. And considering that your partner probably thinks he is playing with a low-grade imbecile, the resulting lack of harmony may ruin even a good pair.

Kibitzers

The antics of the average kibitzer are usually even less appreciated. The guy who wanders around the table saying quaint little things like, "Well, what have we here?", "Say, you've got a lot of those, haven't you?", or, having seen all four hands, "Your bid is obvious", and, "What did you do that for?", usually manages to become very unpopular.

Sometimes kibitzers don't even have to talk to make themselves obnoxious. The gathering of the clan behind some power-laden hand may give away the secrets of the most poker-faced player. Or the person who suddenly claps his hand to his forehead and runs around the table to some other player might just as well have said, "Now you've it; I'm going to watch someone who doesn't mess up so badly."

Butcher

It all adds up to the fact that most of what is said about bridge need never be said. (Remarks concerning this column will not be appreciated.) If a player will make it a point never to blame his partner for anything which might possibly not be his partner's fault, a lot of ill will may be avoided. Since the only way a person will learn anything about bridge is to have his mistakes pointed out to him, it is certainly permissible for either another player or a kibitzer to point out any errors after the hand has been completely played. Nobody, however, should attempt this unless he can explain the reason for making a different play. If you can't explain it, keep your mouth shut.

Kibitzer's Etiquette

Nobody minds a kibitzer who follows either of two methods:

1. Watch either one or two hands during the entire deal.
2. Walk around the table and watch all four hands silently and impartially.

A kibitzer is welcome only if he acts like a spectator and not a player.

Gad!

Cab driver: "Do I take the next turn, buddy?"

Student: "Hell no, this is my girl."

YOUR COLLEGE RECORD SHOP

Headquarters for the best selections in

**RECORDS - RADIOS
TELEVISION**

**L. C. TAYLOR CO.
145 N. Lake Sy. 2-5107**

Open Evenings

Nuts and Bolts

by Carl Hildabrand

The Tech carried an editorial two weeks ago under the title of "The Truth Shall Make You Free." This seems to be rather a plausible statement. If one will consider it for a moment though, the immensity of this thought makes its meaning less clear. Two obvious questions will arise. What is the truth? How will it set one free?

In attempting to answer either of these questions, one is faced with the difficulty that the meaning of phrases such as this changes with usage. Anyone can say that he has the truth and, defining freedom, promise that it will make one free. What did this phrase mean to the person who first used it? What does it mean today? Obviously we need to know its source and author.

The source is the Bible—John 8:31-32. ". . . If ye continue in my word, then are ye my disciples indeed; and ye shall know the truth, and the truth shall make you free." The author is Jesus Christ, or so the Bible states.

In order to understand what Jesus meant one should read at least the eighth chapter of John, if not the whole Gospel. Although this writer has done a great deal of thinking on the matter which has resulted in many very moving and convincing experiences which prompt him to elaborate, he will have to be satisfied here with the barest summary and the most general interpretation of this portion of the Bible.

One may say three things about the truth as it is spoken of here in the eighth chapter of John. 1) The truth is not directly concerned with physical fact or material existence. 2) It lasts beyond physical fact and material existence—it is eternal. 3) The truth is in some way inseparable from Christ.

Being free is spoken of here as meaning that one knows the answers to the questions which at one time or another plague so many people and which most people sooner or later dismiss as unanswerable. Is there a God? What is an individual's relation to God? What are one's responsibilities toward God? And so on.

Considering truth and freedom together and in the light of Christ's claims for himself, this chapter puts forth that the truth is that which leads one into a knowledge whereby one experiences God and, having done so, to be set free from all of the fears and doubts that hedge one in—from the atom bomb to where the next meal is coming from to what happens when one is six feet under the ground. Further, Christ identifies himself as the truth—as that which leads to the knowledge of God.

His listeners of that day also asked how he could do that and his answer was that he himself is God. It might be prudent to suggest at this point that here is the most crucial question one must face in studying the Bible. Most people get hung up on whether or not this miracle or that one could have been wrought. The first question one must settle first is whether or not Jesus is God, as he claimed. If so, the miracles would have been child's play for him.

What does all this have to do with Caltech's motto? The implication of this phrase as our motto is that by learning the laws of the physical world (not wor-

rying about how they got started or how they might end) we can then control the physical world and, in doing so, better man's lot.

This most certainly seems to make sense. The only trouble is that we become so absorbed in learning all about wondrous Mother Nature (or whatever we happen to be doing) that nothing else matters and as we learn to control our environment we lose what little control we have had, if any, on ourselves.

So many people today consider any subject such as Christianity so foolish that it is not worth considering. Others feel uneasy enough about it to grant that some thought may be required on this score but prefer to leave that to preachers and old women while they themselves do something important. Most people just trust in the almighty dollar, "science," or what-have-you, just so long as it can be weighed, smelled, tasted, or played with. All of these groups of people neglect questions not directly related to the above physical reactions or similar ones.

Herein lies the sad state of "truth" as so many people know it today. Rejection of a claim after a fair consideration is one thing. At least the person has thought the thing over, applied it to himself, and then rejected it because he thinks it is false. A person who has rejected one thing as false might have some reason for saying that another thing is true. But one who neglects one thing has no right to say that another thing is true or that the thing that he has neglected is false.

It is rather a disheartening state of affairs when people who are supposed to be educated and who should know something of the truth scoff at that which they have never considered—neglect it.

It is the experience of this writer that most people who laugh at the idea of a divine or miraculous person or occurrence as something out of the superstition of the past—it is the experience of this writer that such people have never really considered the matter. These people worship science or some other thing they are concerned with as their god and scoff at the idea of God—at least insofar as it involves them personally. Foolishness, superstition, ignorance; any excuse is given. To quote a contemporary writer in answer to such a person, ". . . we cannot refrain right here from saying that we think no man can honestly speak of Augustine, Calvin, Erasmus, Galileo, Kepler, Sir Isaac Newton, the older Agassiz, Danna, the geologist; Gladstone, the statesman and classical scholar, or Increase Mather, the greatest of all the Puritan fathers, with the wildest stretch of the imagination, or even the most care-

Campus Interviews on Cigarette Tests

Number 3...THE FLICKER



Don't think our neat-pleated friend with the drape-shape doesn't know the score! He's plenty hep to all those tricky cigarette tests! If you're in the groove, they're not fooling you, either. You know, from your own smoking experience, that just one puff of this brand . . . then one puff of that brand isn't going to give you the answer you want. What can you possibly tell by a quick inhale and exhale, a whiff or a sniff?

The sensible test — the one that gives you the proper answer — is a day after day, pack-after-pack tryout for 30 days. It's the Camel 30-Day Mildness Test! You judge Camels for 30 days in your own "T-Zone" (T for Throat, T for Taste) — the real proving ground for a cigarette. Once you've tested Camels as a steady smoke, you'll know why . . .



More People Smoke Camels than any other cigarette!



CAMPUS BARBER SHOP

In Old Town

Also Agent for

LAUNDRY & DRY CLEANING

HOUSE JACKETS

— AT YOUR

— COLLEGE SHOP

Fowler's
Barber
Shop

881 E.
Colorado
at
Lake

Fowler's
Men's Distinctive Fashions

Open
Fri. Nights

*There are many kinds of Old Fashioneds, but every one's better when you're generous with the Angostura. And what zest and flavor Angostura adds to soups and salads!

ANGOSTURA
AROMATIC BITTERS

Time...September 4, 1950
Newsweek...September 4, 1950
New Yorker...September 9, 1950
Job No. AB-50-44
"Murdered Man" 8-10-50 (S) FP★

Class of '54

Smiling Though Snowed

by Jim Crosby

Caltech and the freshmen have known each other for three weeks now. Tech goes on with its business, but the frosh haven't recovered from the shock. They are still appalled at everything, the interest of the faculty in the students, the phenomenally low grades, the spectacular interhouse battles, the full weekends, the work, and the confusion.

Upon first arriving on campus the friendliness of the upperclassmen and everyone around struck the freshmen as singular. The high school stories hadn't made it out this way at all. "The frosh are pushed around, even to the extent that they are snubbed by upperclassmen." Perhaps they thought this friendliness was just a sign of the first few days. However, as Frosh camp came and was followed by rotation in the student houses, it became gratifyingly clear that freshmen, upperclassmen, and faculty were all on the same level.

Frosh Given Dope

Classes started and many were, are, and will be left nonplussed by **MRW** and **Phillips**. As one instructor put it, "I want you to learn all these definitions even though you don't understand them because I hope that some day you will see the light." (When, after flunking out?) Quizzes with a stupendous conglomeration of grades ranging from zero's to 95's emphasized this and similar remarks. The low men despaired even though instructors told them to keep on grinding. The high men were happy, but wondered when and if they would get theirs.

Meanwhile, to add to the confusion of trying to find a comfortable scholastic niche at Cal-

tech, initiation was going on. Concentrated studying was out of the question, with water fights and initiation stunts to distract the frosh. Although upperclassmen had been leering at them for two weeks and insinuating that horrible incidents would occur during hell week, freshmen found the whole procedure a lot of fun. Constantly subjected to humiliations of any and all kinds, almost all took them as part of the game. Besides, they rarely experienced anything worse than being soaked to the skin in the showers or in front of a four-inch fire hose.

Week-end Study Problems

As one week passed into another a great many frosh, especially those living on campus, proved to themselves that "Tech is the place to get two weeks behind in one week." Strangely enough, the weekends full of beach parties, mountain parties, dances and football games don't ease the increasing pile of work. Finally, on Sunday the situation has reached the breaking point. Something has to be done. But how? Loud speakers, water brawls, and other extraneous noises discourage good work. To the libraries? They are closed on Sunday evenings. So the erring freshman struggles along amid his own and outside confusion. But he knows that if he has the time to keep at it long enough, he will see the light.

Frosh may complain as everybody else does; and if discouraged, say that they wish they were somewhere else and didn't have to work so hard. But everyone of them knows that if he makes the grade and stays here at Tech, he has really accomplished something. In fact, when put to the test, the majority wouldn't trade Caltech for any other school in the nation.

CAMPUS BREWINS

(Continued from Page 2) partner, he sank blissfully to her feet and for the next round or so bathed peacefully in his perspiration.

Others seem to be similarly affected; sport jackets and ties gave way rapidly to more appropriate attire. Alas, the feminine guests had neglected to bring their wardrobes with them. Even the Beak, yea even he, soon was forced to unwrap his wooly muffler and doff his rough house coat of woven wire and tweed.

Torture Approved

Even though there seemed to be general approbation of this torturous exertion, there was also less strenuous dancing during the evening. Some few couples found the porch more ideally suited for this than the remarkably well-lit interior—Isackson and TNT notably, who seemed to be enjoying themselves immensely.

Others must have found the evening likewise entertaining—the next night found myriad Whittier dates escorted to the intimate party at Bob Walp's.

The Beak himself ventured to essay this event. Not without apprehension, he straggled in with some of the numerous stags to find the atmosphere one of gay joviality. F. E. "Living-stone" Wood was on his way out as we came in, on an expedition to look for a lost pussycat which had somehow strayed.

Bob Kurland, vehemently denouncing the playing of "The Meadowlands"—"in view of the international situation"—promptly walked over and removed it from the evening's repertoire.

Howdy-do

We could not but overhear Tom Stockebrand introducing Deverill to his date. "Pleased to meet you," Deverill replied, whereupon he shook hands with T.S.

The Beak noticed, at this occasion as on others, the laxity with which the costume edict of "No Skirts longer than three

inches above the knees" was enforced—the difficulty revolving about the gulf between theoretical holding of Costume Parties and the practical "Wearing of Costumes to a Costume Party," he suspects.

One redhead, he discovered, had debated the possibility of wearing a pair of dark glasses and appearing as Brenda Starr? No.

Far-Flung Fields

But the Beak was even more amazed at the Darbs' persistent capacity for ranging far and wide of the frivolous femme—besides the Whittier lasses, UCLA had provided a generous complement.

Of course there was, is, and probably always will be (alas) Scripps represented in strong force. We often wonder from what stems the wanderlust in Dabney souls, that is until we recall the statistics turned in by the Dabney frosh as part of their campus poll of eligible on-campus females.

Fortunately, the Beak has so far missed seeing most of these grotesque, one-green-eyed-one-brown-eyed eight-foot-four three-hundred-pound 42-42-42 specimens. Afraid that perhaps someday he will, he is contemplating withdrawing forever to his secret retreat, never again to corrupt his soul with the vision of humanity.

Black in Tents

Yet such black intents were soon changed, when news was made Saturday. Blacker social lion Pyatt threw open the gates to the hills and the famous Mountain Party.

Ed Davis with Scrippsite brought the food, locked it in the car, and took off up the 3-mile trail. About 5 p.m., when the masses began to starve, he hiked down, brought back the food, yet departed before chow was served. It appears the Schmippie had an 8:15 date.

Along about that time, Richard Hallburton Pyatt started up the trail in search of Frank Simons; however the West Virginia Mountain Boy and Pyatt failed

to make connections, so the former called up the party and informed the crew that he would like to hike it in himself. Undoubtedly helped by Frosh Dick Smith's 180-degree rotation of all trail signs, he was still to be heard from 48 hours later.

Stefanides, under cover of darkness, hauled his terrified blind date in through the hills, sans flashlight. This was brought about indirectly by Prexy Hefner, who had dated Stef's girl that night, and at that moment sat cozily in front of the fire. Earlier, however, Stef had tried to "ace out" Middlebrook, who had taken the "Aspen's" girl off Mason's hands at the exchange last week, and dated her for the party.

Less Gusto

These miscellaneous items still had the Beak reeling overnight, and it is thus that we covered the remaining Saturday night events with far less gusto. The only campus activities detectable were in Ricketts and Fleming, yet, in virtue of his cunning disguise, the Beak was forcibly ejected from the exchange dances held in the aforesaid two paragons of campushood. We understood at a later date, however, that we had not missed much.

Leaving the cute twitterings of the assorted juveniles behind, the Beak ambled over to Throop Club, where indeed a scene of utter effervescence met his eye.

Green death heated to body heat was oozing over the floors, and all in all, there was displayed a depravity and libertinism, which, beyond far exceeding the four houses, would have sickened Petronius and made Messalina hang her head in shame.

Girls educated at the better finishing schools, crazed with lemonade, were oscillating cheek

NUTS AND BOLTS

(Continued from Page 3) less use of terms, as ignorant." (Wilbur Smith, *Therefore Stand*). The point being that all of these men believed in Christ in a very personal and active way. They accepted the Bible. Their lives were lived after their beliefs. To this list can be added many others. Maxwell, Faraday, Fleming, John Ray, Simon Greenleaf, William Lyons Phelps, Arthur Compton, to name just a few. These men are worshiped as scientists, statesmen, lawyers and scholars and yet what they held to be absolutely true is neglected if it can't be put into a test tube.

What is the answer? No one can deny that what most people hold as the truth today certainly is not setting them free. Perhaps the truth doesn't stem from physical fact. Perhaps physical fact can only be correlated with the truth—whatever the truth is. Maybe one can't put the truth into a test tube. We will certainly never know by neglecting something as tremendous as the claims which this one called Christ made on everyone who has ever lived—because he claimed that he is God.

to cheek with young ne'er-dewells, such as are legion in Throop. Keyed up by the savage jungle rhythms, the abandonnees would then reel out to roadsters parked on the Old Dorm lot, where Throop pins were traded for kisses under cover of darkness.

The Beak shuddered with frustration, and girding his loins, stumbled through the iceplant in search of a better world. His taillights were last seen receding into the smog, and he is not expected to return before next Thursday.

Two Self Service Laundries
Lake Ave. Wash Out
563 So. Lake Avenue
Wash Out No. 2
2387 East Washington

Leisure Time

This list is reprinted by popular demand for your leisure time. We hope you will find it convenient, useful, and complete.

The part of the campus which is rarely treated in this paper concerns the "Caltech girls."

HUNTINGTON MEMORIAL HOSPITALSY. 22111 Ask for Nurses' residence

L. A. COUNTY HOSPITAL

Nurses' and student

nurses' residence.....CA. 3161

OCCIDENTAL COLLEGE

Armadale HallCL. 69535

Erdman HallCL. 69252

CL. 69233

Haines HallCL. 69422

CL. 69526

La CasaCL. 69166

Orr HallCL. 69524

CL. 69504

AlphaCL. 63334

Beta Phi DeltaCL. 64362

Beta Tau ZetaCL. 64221

Delta Omicron TauCL. 76970

Gamma Kappa ThetaCL. 71329

POMONA COLLEGE

Harwood CourtLY. 51215

Mudd-BlaiddellLY. 51215

SCRIPPS COLLEGE

General exchangeLY. 51211

Browning Hallext. 536

Clark Hallext. 537

Dorsey Hallext. 539

Toll Hallext. 538

SOUTHERN CAL.

Sororities:

Alpha Chi OmegaPR. 79387

PR. 79349

Alpha Delta PiPR. 69205

Alpha Epsilon PhiPR. 69390

Alpha Gamma DeltaPR. 79373

Alpha Omicron PiPR. 79127

Alpha PhiPR. 79708

Chi OmegaPR. 79037

Delta Delta DeltaPR. 79415

Delta FammaPR. 79898

PR. 79925

Delta ZetaPR. 79376

Gamma Phi BetaPR. 79842

Kappa Alpha ThetaPR. 79389

Kappa DeltaPR. 79981

Kappa Kappa GammaPR. 79382

Phi MuPR. 69764

Phi Sigma SigmaPR. 79609

Pi Beta PhiPR. 69501

PR. 79257

Zeta Tau AlphaPR. 79406

Other Houses:

Gad! "How was your date last night?"

"That low minded jerk. He makes me ill."

"What do you mean low minded?"

"He whistles dirty songs."

Gad!

Maid: "There are two men standing outside the window watching you dress."

Madam: "That's nothing. You should have seen the crowd when I was younger."

Soccermen Sock Away; Look for Good Season

Those eager looking men who have recently been seen plodding their weary way around the cross-country circuit are the members of the Caltech soccer team. Under the new policy put forth by Coach Huttonback, the team is going to be in top shape for their first game with the Thacher School this weekend.

Outlook Good

The coach has very high hopes for the team this year, and his word is one to regard when it comes to soccer. Last year he skippered the Bruin soccer team to a very successful season in which they lost but one of their fifteen games. Huttonback feels quite satisfied with the way the team is shaping up, but would like to see a little more regular attendance at the afternoon practice sessions.

The forward line, spurred on by returning lettermen such as Banjheo, Wood, and Inglis is being very ably aided by two newcomers, Ernie Weber and Reinaldo Gutierrez. The half-back line is still being fought over. The leading contenders seem to be Carel Otte, Hal Martin, and Pete Price. John Nobles and Ed Welch, last year's fullbacks, are again helping keep the ball from the Tech goal posts, while Chuck Miller is the new goalie.

Full Schedule

This year's schedule includes games against UCLA, whom Coach Huttonback very sorely wants us to beat, SC, San Francisco State, and Pomona, as well as several practice games.

Help Wanted

If you have ever had any experience writing sports, the Tech sports staff can use you. If you have ever had any paper experience at all, the sports staff still needs you. If you have never had any experience at all, but can make up a five word sentence, we'll teach you how to write. Someone to write Inter-house sports is especially sought. If interested, see Jesse Weil or Bob Kurland in Dabney, or Thorne Butler in Blacker.

Smyth Wins 1st IH Cross Country

Next interhouse run will be today for the 2 mile event.

Ricketts emerged the victor in the first round of the interhouse cross-country competition by edging Blacker with a 9-12 score. Dabney and Fleming placed third and fourth with 32 and 34 points respectively.

Smyth Wins

Leading the field was Richie Smyth followed by fellow Rowdie Gene Shakespeare. A trio of Blackermen, John Ames, John Hallstrom and Hiroshi Kamel, placed 3, 4, and 5.

In winning, Smyth was timed at 9:21.0 for the 1½ mile course.

Fleming IH Sports

Pulling out of training camp, the prospects for the coming season looked dim for the Fleming baseball team.

However, with the late signing of right-handed pitcher, Mel Katz, and the assurance of Steve Pardee that he'd be around to handle the catching chores despite his recent amalgamation, the outlook brightened.

The first game saw the big red team tee off on opposing pitchers for an impressive 15 to 4 win over Ricketts. The next game resulted in a 4 to 0 loss to the Blacker House nine, as the Fleming aggregation went into a batting slump.

This proved to be short-lived, however, as they came back to defeat Dabney with a 16 to 0 rout.

This game was called because of darkness in the last of the first inning with only two outs and a Fleming man on every base.

Gad!

He (with her): "Have you a . ." Hotel clerk: "We have double rooms, but none with baths."

He (to her): "Will that be all right with you, dear?"

She: "Sure, mister."

BUTTIN' IN

—By BUTLER

It is "Big Game" week again. The Frosh are eagerly collecting boxes and everyone awaits the Pajamarino, but what really counts is the score in Eagle Rock Saturday night.

Three Years

For three years I have seen Tech enter the game as the underdog and this year is no exception. But Bert LaBrucherie and his charges will come out onto Patterson Field full of spirit and confidence that they will go home victorious.

Aspirin

It seems that every day brings more headaches to Bert. When I heard from the grapevine that Alan Marshall had been cornered by Army, I walked into the Athletic office in time to see Bert take another aspirin. With the first string quarterback gone, Tech hopes look dark. But!—anything can happen at Tech-Oxy game.

Frosh Spirit

The results of last Saturday's Frosh game were a little disappointing. However I hope the Frosh have not lost any of their spirit. The posters advertising their game was certainly a new thing at Tech. If the Beavabees enthusiasm would spread around a little, I know Tech's athletic picture would get much brighter.

Tennis Already?

A brief sidelight: Redlands and Pomona are the official 1950 (Continued on Page 6)

Butler Leads In Forecasts

After three weeks the Pigskin Prognosticators are in a nip and tuck race. Sports Editor Butler leads LaBrucherie by one game. LaBrucherie's statement, "Well, anyone can guess." While the contenders for top men tossed disparaging remarks at each other's ability, Musselman and Weil decided to consult a new astrologer. Weil says, "That's the way the ball bounces." Musselman, the defending titlist, had no comment.

Standings:

	W.	L.	Pct.
Throop	2	0	1.000
Blacker	2	1	0.667
Fleming	2	1	0.667
Dabney	1	2	0.333
Ricketts	0	3	0.000

OXY FAVORED

(Continued from Page 1)ception and 96 yard runback, Oxy edged Santa Barbara 14 to 10. Santa Barbara dropped a 35-7 defeat into the laps of the Engineers, thus weighting favoritism toward Oxy.

While the Tigers have been undefeated this season, downing Cal Aggies 24 to 0, Santa Barbara 14 to 10, and Cal Poly 24 to 14, the Beaver squad has been stopped 47 to 7, 35 to 7, and 35 to 7 playing San Francisco State, Santa Barbara and Whittier, respectively.

Although scoreboards blast the painful final truths, Tech has always gained more than 10 first downs in each encounter. Noteworthy in this respect is the fact that Cal Poly scored but three against the Tigers.

Occidental holds an edge over the Engineers in the 36 game series. They have been the victors in 24 of the contests, Caltech has taken 10, and two were ties. Last year's game went to the Tigers, 42-7, as did the one in 1948, 28-14.

Caltech rooters will sit in the west stands at Oxy's Patterson Field. Halftime activities will be an added attraction.

Offensive lineups for the kickoff at 8 p.m. Saturday night will be:

Caltech Pos. Occidental

Moore LER Farlan

Muehlberger LTR Jacobs

Reed LGR Hill

Hanna C Bauer

Peck, D. RGL Goff

Tallman RTL Peterson

Schmid REL McClund

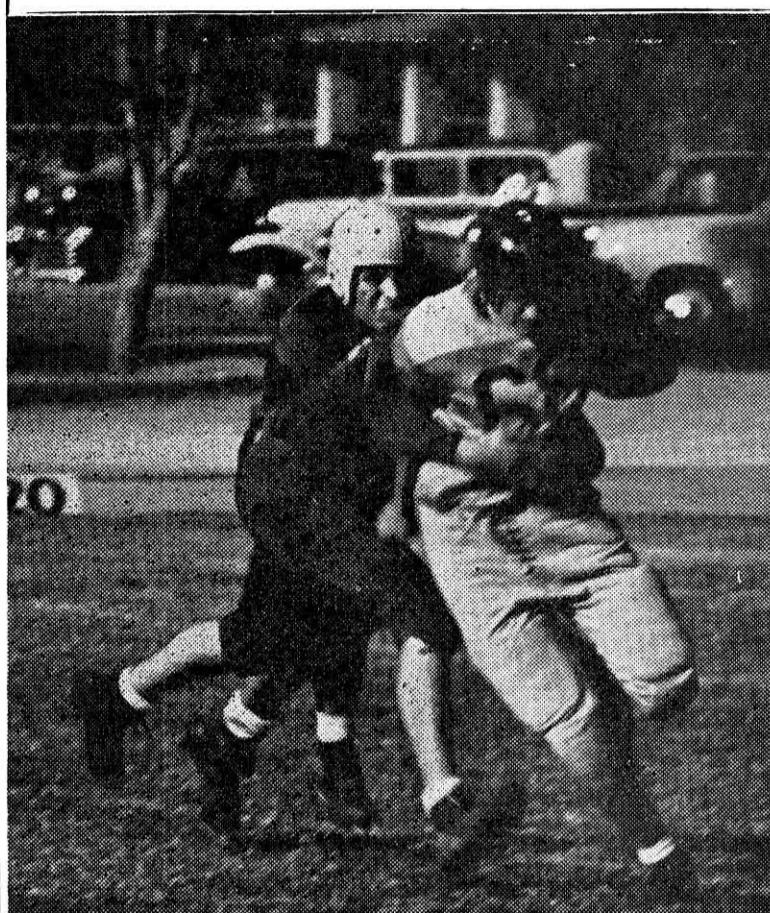
Johnson QB Manoogian

Karasawa LHR McCullough

Walker RHL Schlegel

Woody FB Robinette

Beaver Sports



Moose Henderson breaks around end as Frosh lose to Whittier, 37-0.

IH BASEBALL STANDINGS

W. L. Pet.

	W.	L.	Pet.
Throop	2	0	1.000
Blacker	2	1	0.667
Fleming	2	1	0.667
Dabney	1	2	0.333
Ricketts	0	3	0.000

At A Glance

Football

Whittier Frosh, 38; Caltech Frosh, 0.

IH Baseball

Throop, 7; Ricketts, 3.

Blacker, 4; Fleming, 0.

Throop, 5; Dabney, 4.

Blacker, 6; Ricketts, 0.

Fleming, 16; Dabney, 0.

PIGSKIN PROGNOSTICATIONS

GAME	ATHLETIC DEPARTMENT		SPORTS STAFF	
	Coach LaBrucherie	Hal Musselman	Jesse Well	Thorne Butler
Illinois Washington	Illinois 7	Washington 1	Washington 7	Washington 2
Michigan Wisconsin	Michigan 7	Tie	Michigan 3	Michigan 6
Tennessee Alabama	Tennessee 7	Tennessee 6	Tennessee 14	Tennessee 12
Oklahoma A&M Kansas	Kansas 1	Kansas 14	Oklahoma A&M 14	Oklahoma A&M 3
Rice SMU	SMU 7	SMU 14	SMU 7	SMU 1

PASADENA BOWLING COURTS

970 East Colorado

Headquarters of Caltech Bowlers Open 11 a.m. to 1 p.m. SY. 3-1341 Special Student Rate before 6 P.M. except Saturday, Sunday, and Holidays 20c Per Line

Ice Skating

Daily 2:30 to 5, 7:45 to 10:45

Sat. & Sun. Morn. 10 to 12:30

Skates for Rent Instructions

Beginners Welcome

Pasadena Winter Gardens

171 South Arroyo Pkwy.

RY. 1-6066

Watches & Jewelry

Nationally Advertised Watches

All Types of Watches Repaired

Fine Diamonds

Diamond Setting Done

All Types Jewelry Repair

10% DISCOUNT

on Merchandise

to

CALTECH

Students and Personnel

WIN LYONS JEWELRY CO.

742 East Colorado

SYcamore 3-2667

J. Paul Sheedy* Switched to Wildroot Cream-Oil

Because He Flunked The Finger-Nail Test



WHEN Sheedy tried to hook a gal, he was sunk because his hair was out of line, poor fish! Everybody panned him so much he wanted to get fried! Then he hooked onto Wildroot Cream-Oil and passed the Finger-Nail Test. Now he's having a whale of a time! Wildroot Cream-Oil relieves annoying dryness and removes loose, ugly dandruff. It's non-alcoholic... contains soothing Lanolin. So water ya waitin' for? Get a bottle or tube of Wildroot Cream-Oil hair tonic at your drug counter today. Ask your barber for professional applications, and keep a bottle perched on your roommate's dresser, too, so he'll know how to stay in the swim! For generous trial supply, free, send this ad with your name and address to Dept. F, Wildroot Company, Inc., Buffalo 11, N.Y.

* of 327 Burroughs Dr., Snyder, N.Y.

Wildroot Company, Inc., Buffalo 11, N.Y.

Polo-men Down LASC 16-6 in '50 Opener

Superior Condition Pays Off: Von Herzen, Libby, Barmore Lead Team

In their first game of the 1950 season, the Beaver water-polo team was overwhelmingly successful, dunking Los Angeles State College to the tune of 16-6. The game was played in the PCC pool last Tuesday at 4:30 p.m.

Libbey, Barmore High Scorers

Kodak Company Offers Positions

The Eastman Kodak Co., Rochester, N.Y., is interested in seniors for beginning positions in chemical, mechanical or electrical engineering, in chemistry or physics, and in the business administration fields. Some of the technical openings involve development and design work, while others are in their production and staff departments. If you are interested in employment or in an interview with the Eastman Kodak representative later in the academic year, please contact the Placement Office, 120 Throop Hall, to obtain the Preliminary Application Forms.

INTERVIEW SCHEDULE

(Continued from Page 1) the following options: Engineer, Chemist, Physicist, Mathematician, Metallurgist and Electronic Scientist.

The registers established as a result of this examination will be used for filling positions throughout the United States. No experience is necessary and the examination will be open to sophomores, juniors, seniors, and grad students.

Seniors and grads will be considered for full-time regular appointments and sophys and juniors who secure appointment as a result of this examination will participate in special training programs at Federal agencies and may qualify for permanent jobs after graduation.

The opportunity for appointment from Junior Scientist-Engineer examination is particularly good in Southern California since several large Naval laboratories are located in this area.

November 14 to 30—Junior Professional Assistant: This examination will cover the following options: legal assistant statistician, food and drug assistant, social science analyst and bacteriologist. The registers established as a result of this examination will be used to fill positions in California, Arizona and Nevada.

Oct. 17 to Nov. 30—junior management assistant: This examination will be used to fill administrative positions throughout the U.S.

BUTTIN' IN

(Continued from Page 5) SCIC tennis co-champs. It seems that Oxy's 8 wins no loss record was not quite legal.

Saturday

Come Saturday, let's forget the snaking and get over to Oxy. Let's show the Tiger that we are behind our team no matter what the final outcome. See you all at Patterson Field at 8:00 p.m. Saturday.

OAK KNOLL

Cleaners
and Laundry

ONE DAY

Cleaning
Service

AT REQUEST
NO EXTRA CHARGE

FOUR-DAY
LAUNDRY

902 East California Street
(4 Doors East of Lake)
SY. 3-6704

Next Door to
Caltech Barber Shop

Engineering Society News ASME

Tomorrow the local ASME's will be treated to one of the most refreshing field trips possible. It will be a tour of the newly modernized plant facilities of the Eastside brewery at 1910 North Main in L.A. There is a sign-up list on the M. E. bulletin board for those who wish to learn how they make it "inside" or "outside."

President Spoke

Mr. James D. Cunningham, national president of ASME, gave a brief talk last Friday urging engineers to broaden their horizons, increase their scope of activity, and, in short, get out of the pits. He frankly attributed a great part of his success to his contacts within the ASME, and on the golf course.

After the meeting Mr. Cunningham toured the campus facilities and had lunch with prominent faculty members and ASME officers in the Athenaeum.

Whoopee

The ASME is announcing in advance its intention to blow any funds it has at the end of the year on a gala beach bingie, according to secretary Dan Lemay.

ASCE

The next Civil Engineers meeting will be held Oct. 23, at 11:00. A film will be shown explaining the process of reforming old railroad rails into reinforcing bars. A knowledge of the high strength of these bars is most interesting and important to concrete construction.

Gad!

Dave: "Honey, let's go out and have some fun this evening."

Cindy: "Okay, honey — and pleases leave the light on in the hallway if you get home before I do."

COMMUNISM? AND THE OATH

(Continued from Page 2)

But by a tricky, weaseling bit of parliamentary maneuvering, 12 of the 20 Regents present at this second meeting backed down on the Alumni Compromise previously agreed to between faculty and Regents. These 12 Regents refused to follow the recommendation of the Academic Senate committee on Tenure which had interviewed the non-signers and thoroughly satisfied itself that they were not Communists.

Non-Signer Not Communists

Now if twelve men, not on the faculty, are to determine who should and who should not teach on the University of California faculty, these twelve men, at the very least, should have as a basis for their decisions, the ultimate aims of a university—the free search for truth, and impartial scholarship.

Is the free search for truth being furthered by discharging men who will not knuckle under to a formality? Remember, it is agreed by both sides that the 31 non-signers are not Communists. If the Regents may discharge these men by a majority vote, why cannot they, for example, also by a majority vote discharge men who vote Prohibitionist, or men who don't subscribe to the Hearst paper, or men who disagree with them in any thought?

A Dangerous Precedent

It is the precedent which is being set by letting the Regents determine who shall or who shall not compose the faculty, by letting the Regents acquire the right to discharge arbitrarily, respected members of the staff, which is dangerous, not the actual act of enforcing a non-communist oath.

The non-communist policy has been agreed to by both sides. However, who is to determine who is a Communist? Many of those twelve Regents would not hesitate to pin the name to any who disagreed with them. The temper of the country readily lends itself to name-calling in these times. It is no longer true that "sticks and stones may break my bones, but names will never hurt me." Witness the effectiveness of disproved (see Nation, Aug. 8, '50) McCarthy charges in tainting individuals with the color red.

It Can't Happen Here?

Now you might ask, the now long delayed question, "what does all this have to do with Caltech or me?" This is the answer: It can't happen here (we hope); but we should understand what has happened elsewhere.

It can't happen here because the policy of the institute has ever been one of letting the faculty govern itself as much as possible. Despite two recent incidents, still not closed, which might have given (due to much overplayed publicity in our ever zealously witch-hunting press) the impression to the general public that Tech is a den of leftists, the contrary is true.

Oath Effects—Negative

If it can't happen here, why should we be concerned with this fuss elsewhere? Some of us, someday, barring Army induction and other acts of God, would like to go to Graduate School. Before the loyalty oath mess, Cal's graduate department in physics was among the best; now?

Cal has lost teachers, courses, and acquired an atmosphere of tension and mistrust between faculty and regents. If you went to a Cal grad division, this would be a thought to remember, as would be the fact that you might lose a teaching assistantship and your chance to continue on in your graduate work, if you had been connected with anything in the past by which someone in the present could hang the tag "red" on you. For example, writing an

editorial against the loyalty oath.

Lemmings Laugh At Theater Party

SHORT STORY CONTEST

(Continued from Page 1)

mitted by any student provided that each story has not had previous publication. Each entry must be accompanied by the student's name, home address and the name and address of the college he is attending. Entries will be returned only if accompanied by a self-addressed, stamped envelope.

CANDIDATE FOR FIRST REP

(Continued from Page 1)

ASME AND SAE, and he has been written for the Tech and the Big T. Last year he was a finalist in the McKinley Prize Contest.

Bob feels that although many other men are as qualified as he, he has a great deal of interest in this kind of work, and interest, he says, is the most important thing. Bob has had experience as social chairman in high school and in helping to plan Fleming's social program. His other activities include track, writing for the Tech, and being an Institut.

The election will be held on Oct. 26, one week from today.

editorial against the loyalty oath.

FORTY COURSES DROPPED

To be more precise: 40 courses have been dropped from the fall catalogue, and over and above the 31 professors who are now fighting for their jobs, twenty or more others have chosen to seek less contentious academic fields. The American Association of Psychologists will not place any of its members in U.C. vacancies ranging from teaching assistantships to professorships because of insecure tenure conditions.

A Case History: A Caltech graduate, Ken Terwilliger, '49, past president of the Caltech chapter of Tau Beta Pi, was almost fired from his graduate teaching assistantship, even though cleared by the AEC for top secret research work in the radiation labs; Kent gave in and signed the oath finally, because it is rather difficult to change schools after two years of work, and next to impossible to go through on your own, without some sort of financial aid.

Here are the net accomplishments of the Regents' attempt to foist an oath upon the University of California: Communists uncovered: none; Spirit of cooperation and trust created between faculty and administration: minus very much; other positive results: you name them.

As we said before, it can't happen here; but the way to make sure it doesn't happen here is to understand what issues are at stake elsewhere.