California Institute of Technology

Thursday, October 28, 1948 Pajamerino Tonight; Bonfire Okayed

For Monday Assembly Talks On L. A. Transit To Be Featured

Dr. John Schutz of Tech to Talk for Dewey, Dr. Vieg of Pomona to Defend Truman Position

Monday's assembly in Culbertson Hall will feature a political discussion between Dr. John Schutz of Caltech and Dr. John Vieg, professor of government at Pomona College, Claremont graduate school. The Y-sponsored assembly will precede the national election by a few hours as polls open

Schutz for Dewey

Dr. Schutz will speak on "Why I will vote for Dewey," and Dr. Vieg will oppose him with "Why Hailed By Tech



DR. JOHN A. VIEG

I will vote for Truman." The discussion will be presided over by Dean Eaton who will act as moderator.

A.D.A. Member

Dr. Vieg has been very active in practical politics and is the author of numerous books and articles. At present he is chairman of the 12th District Democratic Council and chairman of the 12th District "Americans for Democratic Action," as well as turned to the farm after a very being a member of a great number of political organizations.

Feted By Faculty

New faculty members who have been added to the Caltech staff during the past fifteen months met with other staff members at the annual Faculty Dinner Tuesday evening, October 26, at the Athenaeum. Dr Lee A. DuBridge, Caltech president, presided at the meeting and introduced the new mem-

The new additions to the staff bring the total faculty to 318 as compared with 264 last year. Of particular significance is the fact that the ratio of teachers to students is now one of the highest in the country, approximately one teacher for every four students. This is not including teaching graduate students who, if added to the 318 facuty total, would give a ratio of approximately one teacher (Continued on Page 6)

Campus Calendar

THURSDAY, OCTOBER 28—

12:00 Y Upperclass Luncheon Club at Training Table.

12:15 Throop Club Meeting
4:00 Math Club, 27 Crellen
7:00 Pajamerino Tournament Park
PRIDAY, OCTOBER 29—
4:15 Water Polo, CIT vs. USC Frosh at USC
4:15 Chem. Club, "Synthetic Blood Plasma," Dr. Dan H. Campbell
22 Gates
5:45 Football, CIT Frosh vs. Oxy Frosh at Rose Bowl
8:00 CIT vs. OCCIDENTAL at Rose
Bowl

8:00 CIT vs. OCCIDENTAL at Rose
Bowl

SATURDAY, OCTOBER 30—
7:30 Ricketts Theatre Party
8:30 Fleming, Throop, Dabney Barn
Dance at Mountain Oaks

SUNDAY, OCTOBER 31—
7:30 Caltech Musicale, Dabney Lounge
7:30 Fireside with Dr. and Mrs. Noble
MONDAY, NOVEMBER 1—
4:20 Interhouse Bowling, Pasadena
Bowling Courts

TUESDAY, NOVEMBER 2—
12:00 Frosh Luncheon Club at training
table
7:30 Band Practice, Culbertson

WEDNESDAY, NOVEMBER 3—
Water Polo Invitational Tournament
at Fullerton
7:30 Fencing Class, Dabney House
Dining Hall
7:30 Orchestra, Culbertson
9:00 Glee Club, Culbertson

"County Fair"

Heading last week's social activities was the ASCIT Throop County Fair dance held at the Oakmont Country Club. Everyone was dressed in a rural motif and the decorations portrayed some of the interesting flora and fauna of Tech life. There were prizes awarded to some of the better specimens of Tech's major crop (aqueous plantus Hertensteinus).

High Spots

Carroll Wax gave the downbeat on many fine dancing tunes. The midway featured a fishing ing at an average speed of forty pond, a wheel of chance, and miles per hour on continuous that eminent Graphologist Stan single-track loops, so that the Barnes, B.S.D. The high point longest crosstown trip could be of the evening came when Chuck Forester ballyhooed the milking and pie eating contests. Silent Steve Pardee from Fleming won the pie eating contest and Forester received the remaining pies on his schnoz. His seat cane was somewhat the worse for wear also.

Milking Contest

Dale West from Throop won the milking contest. The chocolate milk-giving, ten faucet Elsie was a fur rug, sheet metal, and wood bovine. At 12:00 the men of Throop County once again reenjoyable evening.

New Staff Members Brain Model Talk Set For Math Club

holding its second meeting of the term at 4:00 p.m. in room 27 Crellin today. The highlights of today's meeting will be the election of officers for the coming term and a talk on "Math-

John McCarthy. Talks Given

The math club, now one year old, is an informal organization for undergraduates. At each meeting a talk is given by one of the members on some topic of interest, not covered in the undergraduate curriculum. Many such topics have been suggested by the club's faculty at 7:30, and are held in 201 sponsors, Drs. Ward, Bohnenblust, and Dilworth.

Many Topics Covered

sessions have resulted from this Plants." On November 19 Dean bates have a chance to look over fields, Hamel bases, Intuitionist Civil Engineering, will attempt come acquainted with them. mathematics, and topics from to answer the question, "Are we number theory, analysis, and in for a Long Drought?" There higher geometry discussed.

Refreshments

The club usually starts off Recess. On December 3rd a disits meetings with refreshments, since mathematics seems to sit | Soil Mechanics in Structural Debetter on a full stomach. Be- sign" will be given by Frederick sides the usual refreshments and talk by one of the mem- Mechanics. The final lecture bebers, today's meeting will also fore Christmas vacation is on fifth of his senior class or in the to do. be used to elect new officers. John McCarthy will then give his talk on "Mathematical Models of Brains." McCarthy's talk is the result of some investigations in mathematical biophysics which should be of unusual interest.

The city of Los Angeles has long been faced with a serious At Interhouse problem in regard to the transportation of its citizens. Even the most ardent Chamber of Commerce employee would and that the city's growth in size system. Fortunately, however, there exist solutions to the problem which may be put into effect in the not too distant future.

Plan Unfolded

Last Monday morning, one such plan was unfolded before an interested and extremely attentive audience by Dr. Henry A. Babcock, prominent consulting engineer and distinguished lecturer at USC, under the sponsorship of the Consolidated Engineering Societies.

"Beautiful"

This seeemingly fantastic, but nonetheless beautiful, idea would employ a four-hundred-station subway system, with cars travelmade in a matter of minutes with a minimum of four transfers. No less important is the fact that the system would employ no switches or crossings and would thus be almost accident-proof.

chief difficulties will probably be the attainment of sufficient power to produce the necessary accelerations, and convincing the city fathers that the one billion dollar expenditure would soon be repaid by savings in highway maintenance, property damage use of the improved system. of these problems should be too difficult of solution.

The Caltech Math Club is Friday Lectures Begin Again

The annual series of Friday Evening Demonstration Lecematical Models of Brains" by tures begins tomorrow evening with a lecture on "Lightning and Atmospheric Electricity," by Professor Gilbert D. McCann of the Electrical Engineering Department. These lectures, by members of the Institute staff, on a variety of subjects have been quite poplar in the past both with Techmen and the general public. The lectures start Bridge every Friday, with exception of vacations.

On November 5th, C. Hewitt will be no lecture the following J. Converse, Professor of Soil "Bacterial Viruses" by Professor Max Delbrueck of the Biology Department, on December 10th.

NOTICE . . .

Anyone desiring the position of Circulation Manager see win Soule, Ricketts.

the year's most important and most elaborate social event, will scarcely deny that the transit be held Saturday night, Nov. 6. system has long been outmoded This year it will be especialy important as there is a possibility and population has far out- that Life magazine will cover stripped the development of that the affair, provided the themes are sufficiently interesting.

This creates an additional incentive for each of the houses and Throop Club to work out the best possible theme.

Each house will have its own distinctive decorations and atmosphere as well as its own band. The couples will circulate about the houses and sample the entertainment of each

The Blacker setting will be laid in Hell and will feature the next Wednesday. hot music of Nappy Lamare. In contrast, Rickett's theme will be "Dance in Clouds," while Fleming's decor revolves about "Resetting. Throop Club has an electronic theme.

1:00 and the dress is informal. There will be more details in next week's issue, but all in all this promises to be one of the best affairs at Tech for many

Dr. Babcock implied that the hief difficulties will probably be Pledges Five

This last week five Tech men were invited to join the Pi Kappa Delta honorary society. The men, Stan Boicourt, George from accidents, and increased Brown, James Kenny, Clemm Savant and Kent Terwiliger, have However, he was able to demon- set an enviable record in debatstrate conclusively that neither ing, extempore and impromptu speaking and oratory.

Pepperdine Tourney

teams representing 15 schools, George Brown won second place honors. His colleague, Clem Savant, won laurels in extempore and impromptu speaking at the Pepperdine tourney.

First Place

Stan Boicourt won first place in the senior division of the Caltech tourney against 50 teams competing from 10 schools. His colleague was Leo Breiman.

Semi Finals

James Kenney, participating in five debate tournaments, took semi-finals in extempore at Pep- Instituters Offer (Continued on Page 6)

Taubete Pledging To Commence Soon

Aside from their intrinsic in- Dix, Associate Professor of Geo- The initiation of new memterest, these talks benefit the physics, will speak on "How the bers into the campus chapter of to the original sources for his The following Friday, November within the next few weeks. Ined from the faculty in preparing of the Biology Department, will on Sunday have already been ispolicy; last year saw modular Franklin Thomas, Professor of the prospective initiates and be-

Requirements

Every year a number of seniors and a few juniors are initiweek because of Thanksgiving ated into Tau Beta Pi, the honupper eighth of his junior class. This however is not the only requirement. A student who meets the grade

requirements must then be accepted by the Taubates to be-(Continued on Page 6)

Dewey-Truman Question Set Babcock Speaks Unusual Motifs PepRallyInTournamentPark, Parade, Variety Show Follows

Picnic Dinner to Be Held at 7:00 in Park; Contest to Judge Most Suitable Pajama Garb

At long last a fire permit has been granted for the traditional Pajamerino bonfire, and all events will proceed as planned. Tonight's the night in Tournament Park. Heading the list of events is a picnic supper held at 7:00 in the Tournament Park picnic grounds. Incidentally there will be food and drink sold after the show downtown, so bring some cash.

Layton Speaker In Third Alumni Beaver Lecture

By Dick King

After a fancy start, and a fine second feature, the Alumni-Beaver co-sponsored lecture series really gets into high gear Mr. Edgar Layton, '24, assisted by Mr. W. L. Suires, '24, will deliver the oration of the day, which will concern the salient features of volt in the Monastery" and Dab- the Construction Industry. This ney will feature a post A-Bomb topic should be of great interest to most Beavers, and a large turnout is expected to keep the The dance will be from 9:00 to attendance near the 100 level for the third straight time.

E. N. Layton

E. N. Layton immediately after graduation in E. E., spent five years with the General Electric Company in Schenectady and later in their Los Angeles Office. Then he was five years with the Smith-Booth-Usher Company in Los Angeles in their Pump and Engine Division and another five years with Lufkin Foundry and Mawell pumping equipment. He then spent several months on the Carribean Petroleum Corporation in Venezuela. Following that, three years with the Fluor Corporation in Los Angeles who design and build refineries, absorption plants and ner in the firm of Holman and Tech's biggest games, and there Powell Paving Company in Los is a lot of tradition behind it. Angeles—excavating, grading, and paving.

W. L. Squires

W. L. Squires graduated in 1924 in Engineering and Economics and went to work immediately after graduation for Edward Wildey and Dixon Company, engineering contractors Dabney joining forces for a barn in Los Angeles. During the war

(Continued on Page 6)

Help For Techjobs

Wayne Herzig, president of the Instituters, has asked that anyone with an ASCIT or Institute job to be done to just contact one of the Instituters. This organization began last giver, who is encouraged to go Geophysicist Searches for Oil." Tau Beta Pi will take place year to help share the load of ASCIT and Caltech work formaterial. Much help is receiv- 12th, Professor Frits W. Went, vitations to the picnic to be held merly done by a few men. So far this year they have worked these talks. Many interesting discuss, "The Ecology of Desert sued. At this picnic, the Tau- in the Community Chest Drive and have helped decorate the Throop County Fair.

The men are grouped by houses, the membership consisting of 30 in Blacker, 42 in Dabney, 20 in Fleming and 25 in Ricketts. To contact your orary engineering fraternity. house representative see Pete cussion of "The Importance of This organization is for engi- Howell, Blacker; Bruce Robinneers what Phi Beta Kappa is son, Dabney; Bob Crichton, a student must be in the upper have work for the Instituters

The club does any general work for the ASCIT or the Institute program. This does not include soliciting for money, or work for special organizations, this rule having been adopted come a pledge. Great care is ex- since completion of the Community Chest Drive.

Everyone is to come clad in the loudest and brightest pajamas obtainable. Three prizes will be awarded to the men sporting the most outstanding

Huge Bonfire

Following the supper there will be a pep rally with songs and yells; then comes the bonfire. The Frosh have already collected a considerable amount of lumber, and they should have the makings of a fine blaze by tonight. This year the bonfire will be behind the Frosh baseball diamond. It is restricted to a height of ten feet, but there are no width restrictions.

Parade Route

The parade will start about 9:00. It will form on the west end of the field and march out onto Wilson Avenue with the band truck leading. The only other authorized vehicles will be house projects; no unauthorized vehicles will be allowed. The parade will head north on Wilson to California, west on California to Lake, north on Lake to Marengo, and north on Marengo to the American Legion Hall at 131 N. Marengo.

Entertainment

At the hall a special show will be given by the popular P.C.C. chine Company handling oil Highlighters who have furnished such fine entertainment at the last two Pajamerinos. The a consulting assignment with show is scheduled to start at 10:00 and last about an hour. After this, refreshments will be sold, and then you're on your own.

The idea of the Pajamerino is to work up some spirit for the Last year at the Caltech tour- so forth. For the last three and Oxy game Friday night at the ney, in competition with 100 a half years he has been a part- Rose Bowl. This is one of

Trophies At Stake In Rustic Dance

Next Saturday, October 30th, finds the men of Fleming and dance at Mountain Oaks. Besides dancing and liquid refreshments, the customary non-athletic events will be held, the possession of two trophies being at

Secluded

Located far from the crowds in the Verdugo Hills north of Glendale and in the vicinity of Verdugo City, Mountain Oaks will provide a fine setting for the music of Dave Warren's combo. So secluded is the spot, however, it is advisable that the uninitiated ask for advice before attempting to find the way.

More Excitement

Additional excitement will be added to the affair by the contest for the two trophies, the winners to retain possession until bested by another house. At present to be found on the mantel of Dabney, the Acme Interhouse Crew Race Perpetual Trophy and the Dabney Markoff Interhouse Flamers Perpetual Trophy run the risk of being transfor humanities majors. To be- Ricketts; or Tony Malanoski, ferred to the Fleming mantel come a member of Tau Beta Pi, Fleming, if you wish to join or after the Saturday night events. Both houses are undergoing intensive training for the affair and a close contest is expected, all rumors to the contrary.

Costume Usual

Needless to say, the costume for the event will be what one wears for barn dances, and the first strains of melody are expected to begin at 8:30.

The California Tech

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ing examinations and holiday periods.

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BUSINESS STAFF

CAMPUS BREWINS

brittle at the Schmipps lassies. of lemon meringue? 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 play twinkle toes with as beauteous and down-right friendly raft of suzies as ere I've seen. other all-Scripps affair.

Nat Gould did himself right well. Then there was the Brown-Dabney caravan with Hedrick hauling a near-record number of the week, eyed the throng of of eight fems in the Taxi. Results: Jim Young is radiating for a date. His friends were contentment, and Bergreen does surprised to note the required not seem to be unhappy. Could number of arms and legs, all name others in the accredited Scripps style.

This is straight from the horse. A Toll House cookie was beaking frantically over holding Swami Stanley's hand while he elderly I. Magnin wheel. Dave played graphologist. Undoubtedly afeared of him meeting too many huge lower loops.

Bob Madden scored a strikea remarkable blind date from hibits at the dance bring to mind the nunnery. Last report I have involves a bear rug.

nize him-sorry.

Without doubt Chuck Forester was hero of the evening.

> CAMPUS BARBER SHOP

in Coffee Shop Building ALSO AGENT FOR LAUNDRY

> Picked up Monday, **Delivered Friday** and CLEANING

week. For months I've been while breathing through an inch

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 Scrippsite and the bar.

Heard tell of a right cozy dinner party before the dance in showed up at the Oakmont to Old Chinatown with Merle Kam's date pulling linguistic strings with the waiter. An-

Jack Martin obtained his date in a straight-forward mannerwent up to PCC toward the end blushing maidens, and asked one nicely arranged.

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

Those nowhere ice plant exa serious problem. They may stir a wan smile on our lips, but The Student Faculty Illicit the business of explaining the Relations Committee should be whole thing to the date just ain't informed of the character mak- worth the candle. The same ing an ass of himself in front of goes for the e-to-the-x yell. And the band stand Saturday night. what's more, we spend good The rest of us found the terrace | money learning what the lousey quite satisfactory. Didn't recog- symbol means, and then explain it to a mere date for free.

(Continued on Page 4)

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Shavings...

From The Board

Last Thursday night the Board of Directors passed with a vote of five to three a motion to disleaders for the remainder of the year. While this action of the Board may come as a surprise is a controversial subject, a disto the decision was thought advisable.

which the song leaders have drastic steps are taken. functioned, there had frequently been expressed dissatisfaction with the arrangement. The objections stemmed from numer- Dear Sir: 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 opin-

The consensus thus determined was definitely unfavorable regarding the song leaders, I feel downright penitent this | How can a man keep a cool wit | 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.

> tions from their partners. The general feeling was that some- school which belongs to Tech, sion of enthusiasm and spirit.

The example cited was the an inherant unity with the prejudiced opinion.

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. continue the services of the song 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 to some, it has not been without majority of the student body. considerable thought and discus- In fact I venture to say that sion of its various aspects by many of the troops are becomthe Board members. Because it ing aware of the situation for the first time through this issue cussion of the reasons which led of the California Tech. I think be submitted to the members of During the last two years in the corporation before any such

Bruce Hedrich

25 October, 1948

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 The opinion expressed was home with a good text book than that a song leader's activities go out with a Tech man and indignation results from the added little if any spirit to the have to listen to Einstein's Theoccasions and in many instances ory. By firing the six girls who appeared to be very inappropri- have offered to help change the ate. Those students polled who social appearance of the school, had escorted dates to the games | we have not only made six enereported quite the same reac- mies but also put more "gas on

thing more spontaneous from is part of it, and which we Tech students and more a part should encourage instead of beof them should form the expres- ing spectators to outside participation in our rooting section.

Perhaps the opinion expressed Caltech jazz band which appears was dominated by the more maat the basketball games. Per- ture minds about campus, but it haps it's awful music, and it's is reasonable to believe that corny, but it's part of Caltech, they can offer a truer picture of and all the crowd likes it. It the student feeling than the builds up spirit because it does newer students who have had spring from the students. It has little opportunity to form an un-



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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. that matters of this kind should 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.

and have no time to waste looking at the "female" figure.

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 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

> Caltech Students Welcome at Neighborhood _ Church



225 West California Street SUNDAY WORSHIP 11 A.M. REV. CURTIS BEACH MINISTER

the fire" in reminding the local student feeling. But, during that girls that we are here to study time, the investigation was completely inadequate. Fleming was the only house polled, with re-It appears to me that the only sults 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 to 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

Open House

Balancing Friday's exuberance Uasadena Playhouse.

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task of coordinating hundreds of Francisco Opera Company. 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 Satur-After blooodying the Bengals day night as Blacker men and this coming Friday there will be their dates attend Robert Sher-

How many opera fans have story on a Saturday afternoon wondered after the final curtain tour of the Shrine Auditorium. has gone down, just how the currently occupied by the San

"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

herded us through the proproom are required for each hour of Weekend Of Revelry and through a pitch-black pass- performance. age, 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 soloists, chorus, and prop men 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 re-At 1:30 the sheep (singers, hearsals in San Francisco are etc.) were separated from the held at the odd hours of one another Blacker Open House, wood's "Road to Rome" at the goats (us reporters), and Mr. a.m. to about 5 p.m. Approxi-Renda, a small energetic man, mately five hours of rehearsal

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 coordinatlarge choir, the job of cuing the 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 with a very pretty blonde on his arm. We asked Mr. Adler, which opera he thought was refreshments in Blacker. 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.

est, German the next most difto sing.

Set For Ricketts

A glorious weekend of revelry is in store for Ricketts social climbers with a variety of two ing the 120 piece orchestra, the 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

Friday evening, following the Oxy game, Ricketts and Blacker Maestro Adler who was leaving will pool their efforts, resources, and what-have-you, to produce a dance in Ricketts lounge with

At 8:15 Saturday evening Ricketts men and their women will be seen entering three diffeernt dens of inquity. 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 He said that Italian was the play, Road to Rome, and the easiest language in which to sing third at the Civic Auditorium an opera, French the next hard- witnessing Happy Birthday. All will finally reconvene in Rickficult, and English, the most dif- etts lounge at about 10:30 for a ficult. "All languages," he said, record dance. Here a Haloween "are intrinsically valuable mu- theme will be used, with all sically." However, Italian has forms of natural and supernatmore vowels and thus is easier ural beings except snakes for

Song Leaders?

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

- 1. Are you in favor of having any song leaders?
- 2. Do you think that the song leaders in-
- creased spirit at the games? 3. Do you think that having song leaders
- detracts from our school? 4. Do you feel that all activity at games
- should be limited to Tech students? 5. Do you think the board made a wise decision?
- 6. Which games have you attended?
- 7. What class are you in?

Yes	No	

Yes...... No.....

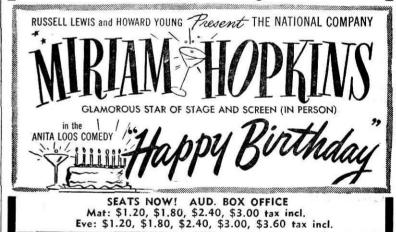
Yes..... No....

Yes..... No....

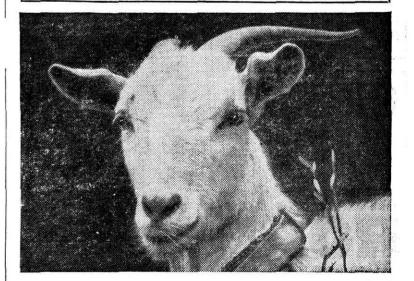
Yes..... No..... Pomona Whittier La Verne Frosh Soph Junior

Senior

A Ware-Hazelton Attraction PASADENA CIVIC AUDITORIUM THIS SATURDAY, OCTOBER 30th Matinee and Evening



J. Paul Sheedy* Switched to Wildroot Cream-Oil Because He Flunked The Finger Nail Test

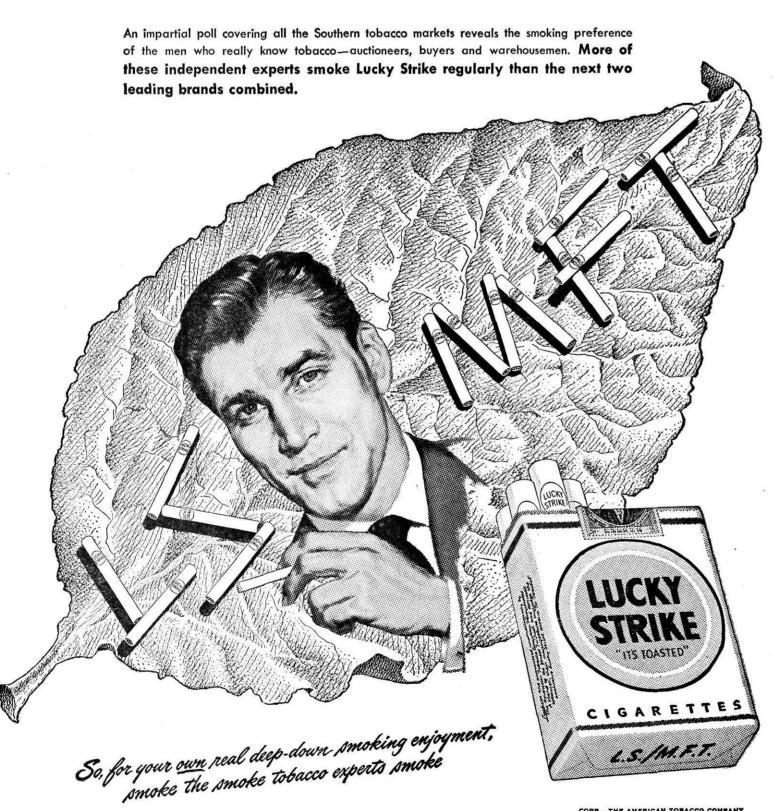


LOOSE, ugly dandruff and scraggly locks were getting Billy's nanny. Then-he discovered Wildroot Cream-Oil and ate half a bottle before discovering that a little is all you need to groom hair, relieve dryness and remove loose dandruff. Have you tried it? If not-goat to your nearest drug or toilet goods counter for a bottle or tube, today. And ask your barber for professional application:. No ifs, ands or butts about it-Wildroot Cream-Oil is again and again the choice of men who put good grooming first. It's also preferred by goats of distinction. No kiddin! Try it!

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

THE AMERICAN TOBACCO COMPANY

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



LUCKY STRIKE MEANS FINE

So round, so firm, so fully packed —— so free and easy on the draw



Part Time Work Open For Students

Do you need money and if so do you have any free time? Then come to the Placement Office, 120 Throop Hall. The Placement Secretary and her efficient slides, on Early Geological Exstaff will do their best to relieve plorations in the West at the you of your lack of money and your free time at one and the Club last Thursday evening.

The Placement Service has a few positions waiting to be filled which will be long remembered by you.

Among the vacancies are: Several opportunities to work for room and board.

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 sales-

man, clothing store, Friday night and Saturday. \$.80 to \$1.00

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. the rations provided. Can study.

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

CALTECH BARBERS

on California Near Lake

PASADENA BOWLING COURTS 970 East Colorado

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

Doors Open 12 M., Cont. Daily TODAY!!



A TRANSATLANTIC NEUE From the Play by Potrick Har From the Play by Potrick Har From the Play by Potrick Har

PLUS . . . ANOTHER TOP HIT

UNIVERSAL-INTERNATIONAL presents





(Continued from Page 2) Blacker Crisis: The only word Pigskin Pickers from the fellas this week is that Bill Palmer imported his woman from Santa Barbara. I hear that under the pressure of football experts are sporting av-Teddy, the House is studying erages from .933 to .784 in the like mad for mid-terms to keep Tech Pigskin Prognostication that Blacker average on top.

CAMPUS BREWINS

Fleming Flash: Bill Sampson his clash with John Law Saturday night. It looks like about a fifty buck fine. P.S. The eve- the experts. ning wasn't worth it.

Lost and Found: Ollie Gardner-Has anyone seen my glass- a 12-3 record and last but still es around the 10th hole at the fighting is Coach Mason Ander-Oakmont? Al Hook - Anyone find my glasses around the 9th high man on the Pasadena Star-Hole? (Good thing Hummel News' group of prognosticators. wants to keep this column clean.)

SQUARE'S CIRCLE

(Continued from Page 2)

fact that in one case a board compiled an average of .800. 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 Despite an artificial geyser and eager undergraduates. Although considerable erosion by a river handicapped by being forced to of beer in the Altadena foothills, field during most of the game, this precious commodity, due to the light undergrad team manthe farsightedness of numerous aged a 12-12 tie in this game to individuals who supplemented the light undergrad team man-the farsightedness of numerous aged a 12-12 tie in this game to individuals who supplemented the light undergrad team manpreserve their undefeated record | Curry (1) | L. |
preserve their undefeated record | Curry (1) | C. F. Libbey (1) | G. Reineke

Musselman Tops

With the grid season at the half-way point, Caltech's four contest. Athletic Director Hal Musselman is far in front of his has received the Golden Goose fellow cohorts with a record of from Fleming Pope Barre for 14 correct picks against 1 loss, that being the UCLA-Stanford game which fooled a number of

Andy Trails

Saltman and Butler each have son (11-3) who incidentally is 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

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

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, graduates against the alert and Bud Stange, who tallied four times. The U.C.L.A. frosh were coached by a former Oxy swimgo uphill on a steeply sloping mer, Harry Crosby, who is continuing to be a menace to Tech.

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 instruc- I tor'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 absence of one man. 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 Larry Thackwell. is concerned, the outlook is also promising. Last year, Caltech placed a very close third slalom under good direction, for a Sunday of fresh air.

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	Wor	1	L	ost	Ave.
Ricketts		1	4	2	150
Throop .			9	7	148
				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 Croswhite, 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

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 Bratnober 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

More Work

In order to get still more to Southern California and wood for those evenings at UCLA, and this year with some Snow Valley, and in order to organized practice sessions un- finish work on the 115 volt gender the direction of Larry erator, we are planning another Thackwell, there's no reason work party on Sunday, Novemwhy Caltech can't win the ber 7, after the Interhouse Championship race. Although dance. For those living in the Freshmen can't race, because Student Houses, Sue does a by our conference rules that no good job of fixing us up with Freshman can compete on a food, so let someone know of varsity team, still it will be to your good intentions, and somethe advantage of all to practice one will be glad to take you up



HOUSE JACKETS

Corduroy and Flannel Men's Distinctive Fashions



Open Fri. & Sat. Nites



Geology Club Hears

Van Amringe Speak

Mr. Edwin V. Van Amringe,

instructor of geology at Pasa-

dena City College, gave an inter-

esting lecture, illustrated by

regular meeting of the Geology

Personalities and historical anec-

dotes were featured in this talk,

by all present. After adjourn-

ment for refreshments, the met-

ing rsumed to witness a movie,

Geology Outing

worth Park in Altadena by mem-

bers of the Tech geology depart-

ment was successfully accom-

plished last Sunday afternoon.

More than seventy faculty and

staff members, graduates and

undergraduates, wives and girl-

friends participated in the opera-

tion, a number which taxed the

however, there was plenty of

individuals who supplemented

A full-scale invasion of Farns-

Birth of an Oil Well.

CAMEL MILDNESS

30-Day test of hundreds of Camel smokers revealed NO THROAT IRRITATION DUE TO SMOKING CAMELS!



{Not a single case!}

 ${
m F}_{
m rom\ coast}$ to coast, the reports were the same: Not one single case of throat irritation due to smoking Camels!

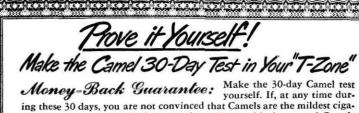
These reports were based on a total of 2470 examinations by noted throat specialists of the throats of hundreds of men and women who smoked Camels-and only Camels-for 30 consecutive days.

And these men and women smoked on the



average of one to two packages of Camels a day!

Yes, Camels are that mild! But prove it for yourself. In your own "T-Zone"-T for Taste and T for Throat. Smoke Camels-and only Camels-for 30 days. Let YOUR OWN TASTE tell you about the full, rich flavor of Camel's choice, properly aged tobaccos. And let YOUR OWN THROAT tell you about that marvelously cool Camel mildness!



rette you have ever smoked, return the package with the unused Camels and we will refund your full purchase price, plus postage. This offer is good for 90 days from this date.

(Signed) R. J. Reynolds Tobacco Company, Winston-Salem, N. C.

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 profes- Drops Tech In sor of pigskinology began, "I've got a kid on the squad that could Overtime Decision Frosh Gridders 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 men by a 5-4 decision at U.C.L.A. are so many 240 pounders that Andy has trouble keeping the scales in working order. "It's out a 3-3 tie, the exhausted Art Miller," he said. "That guy Techmen found U.C.L.A.'s flood Art Miller," he said. "That guy is the laziest man on this green earth although he has some of too much to cope with. the better potentialisties of any of those kids. Did you know that he was one of the fastest for Brad Houser, and Dave Macmen out for the line?"

ty of those lardy pounds and one all at the half, the Techmen begin to get in shape we could forged ahead to a 3-2 count in use him in that full-back spot the fourth quarter, only to have for sure ground gainers every U.C.L.A. even up the score a time. But he just doesn't have few seconds before the end of the right spirit and I don't see the game. how we're going to get him fired up." This was all before the fusion was provided by the U.C. La Verne game last Friday and guy to bust through the line on out the referee's whistle. the power plays.

Miller Shows

in gland extracts that were be-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

UCLA Soccer Team Sagechick's

Victory slipped from the educated feet of the Tech Soccer in a twenty minute overtime period Saturday. Electing to play

Tech scoring was begun by Karel Ott, followed by one each Kenzie. Ott again scored dur-"If he'd knock off about twen- ing the overtime period. Tied

Entertainment as well as con-L.A. band which practiced on Andy was desperate for a big the sidelines, effectively blotting

Supported by the outstanding work of such players as Chas. Some how or another, the Shaller, Brad Houser, Dave Madcoach got wind of the fine work den, Dick Bennet, and Bill Bradley, the team shows proming worked on in Kirkoff and ise of better things in the return sent over a few trial samples. 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-

Romp Over

The Little Beavers were defeated 3 7to 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 overwhelmof substitutes in the overtime ing 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

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 expe-

rience. We saw the Tech team.

far behind, score once, hold dili-

gently, then sparkle in a last

minute drive to the Tigers' 5

The squad that started against

Pomona last Saturday did not

represent the full Tech team.

While backs Karasawa and Pata-

joff are still sidelined through

foot injuries and end Cooke is

nursing a cold, the regulars and

efficiency. We hope to have the

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 notewor-

Gaines and Peters. Paulson

(Continued on Page 6)

California

Cornell

Northwestern

N. Carolina

Washington

SPORTS STAFF

California 18

Cornell

Northwestern

N. Carolina

yard line at the final gun.

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 biliousgreen 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 reserves are definately below top passed to good old Odell Carson for 37 yards, and then hit Funk full team at Oxy. 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 thy. Also commendable were launching of huge Art Miller as the passes of Woody to Paulson, a Tech fullback. Art, a 250 pound converted tackle, rolled caught a fine pass near the Pothrough the La Verne line at mona 40 yard line and out ran will, presenting the new look in the scat-back for the Beaver irresistable forces. Don Baker, touchdown. Passes to Gaines on this occasion playing wing- and a final one to Peters were back, took a hand-off from Miller the impetus of the outstanding and ran 38 yards to begin Tech's drive to the Tigers 5 yard line, third scoring drive. Norman then which was halted only by the pased to Don Hibbard for 18 final gun.

(Continued on Page 6)

California 14

Cornell

Northwestern 13

N. Carolina

Washington

GAME

USC California

Cornell Columbia

Northwestern Ohio State

N. Carolina Tennessee

Stanford Washington

Norman Passes 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.

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
C .1	1		

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

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)

WHEN YOU ARE HUNGRY WHEN YOU ARE THIRSTY

WHEN YOU JUST NEED RELAXATION IT'S THE

SKIP INN

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Ice Skating

Daily 2:30 to 5, 7:45 to 10:45 Sat. & Sun. Morn. 10 to 12:30 Skates for Rent

Instructions Pasadena Winter Gardens

171 South Arroyo Pkwy.

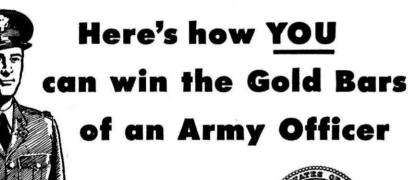
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Headquarters for Sporting Goods

SPORTS SHOP

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Phone SYcamore 6-5804 912 EAST CALIFORNIA ST. Pasadena, Calif.



TWO NEW WAYS TO JOIN THE RANKS OF AMERICA'S YOUNG LEADERS



DIRECT COMMISSION

A commission as second lieutenant in the Officers' Reserve Corps with a 2-year initial tour of active duty is ready for you if you meet these requirements: one year of honorable service in any of the Armed Forces between 7 December 1941 and 30 June 1947; have completed two years at an accredited college or university; U. S. citizenship; AGCT score of

110 or better; not more than 32 years old; physically fit. Once commissioned, you'll be assigned to a 3-month officers' training school, and, on successful completion, you'll be free to compete for a Regular Army Commission if you meet the competitive tour age requirements. Go to your nearest U.S. Army and U. S. Air Force Recruiting Station for complete details at once.

OCS FOR HIGH SCHOOL GRADUATES

If you've graduated from high school or can pass an equivalent examination, are between 19 and 28 years old, are a U.S. citizen, and have necessary physical qualifications, apply now for enlistment for Army OCS. After your application is approved, you'll be enlisted as a Sergeant and given basic training if you have not had it already, then sent direct to Officer Candidate School, subject to

quotas, of course. Upon graduation; you'll be commissioned a Second Lieutenant in the Reserve, and placed on two years of active duty. Top OCS graduates are commissioned in the Regular Army-all others may compete for a Regular Army Commission. Get all the facts about applying for OCS entrance at your nearest U.S. Army and U.S. Air Force Recruiting Station without delay!

NEW ACTIVE-DUTY OPPORTUNITIES FOR OFFICERS See Reserve or National Guard Instructor, or local recruiting station.



PIGSKIN PROGNOSTICATIONS

Hal Musselman

California 21

Cornell

Northwestern

N. Carolina

Washington

A"SHORT"STORY---

ATHLETIC DEPARTMENT

by ARROW

Why do college men prefer Arrow cut-and-sewn shorts over all others?

Easy! Because Arrow shorts are the most comfortable on the market-can't creep up like an Indian, due to Arrow's patented seamless crotch.

Come in and see our stock of fine Arrow shorts, Arrow "Guards," Arrow T-shirts and undershirts.

-ARROW SHIRTS-

TWO STORES 54 E. COLORADO ST. 921 E. COLORADO ST.

Radio Group Plans Formal Meeting

ing of the Caltech Radio Club Monday, November 1, in 401 Bridge. All members are expect- Friday. It was great to see that also men who have revealed ed 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 rec ord 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 ercised in the choosing of per play which is good in anyone's book.

By the way, congratulations opposition for the first time and 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.

commences at o.so.	
Lineups:	
OCCIDENTAL	CALTECH
PersonREL	
IngersollRGL	
StinstromRTL	
Armstrong	Blom
HuebnerLGT	Reed
ChillotsLTR	Walquist
LevinLER	Carson
JohnsonQB	Funk
ThrumpHB	Sylvies
EvansHB	
IngersollFB	Baker

TAUBETE PLEDGING

(Continued from Page 1)

will become of value to the chapter and to their profession. on the fine showing of you fans Wearers of the "Bent" are not at the Panther's Play-pen last only skilled academically but are we had more rooters than the ability in other fields, and also what are known as "character also more points at the end of traits." Dependability and honthe game. Let's see if we can esty count, and even such a vaguely defined trait as being a

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 acand the ability to work with

ior year, since they are thought 14 points. of as "honor" Taubates. Junchosen from the senior class.

Unique Position

Caltech is in the rather unique position of being the only La Verne university in the country where dents also, since it was felt that in the case of Caltech.

NORMAN PASSES

(Continued from Page 5)

yards and a first down on La pledges so as to obtain men who 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 ademic record which is required their 8 yard line with a 43 yard punt. Two plays later Don Hibbard trapped an unfortunate La A special honor is confered Verne back in his end zone, and upon those who are initiated pounced on him for a safety. into Tau Beta Pi in their Jun- Score so far, Tech 22, La Verne

Late in the final quarter, La iors who gain this distinction do Verne capitalized on a Tech fumso because of very outstanding ble to start their march that endgrades and ability. Only a very ed with F. Barnhart scoring on few, six at most, are so chosen. a pass play; the conversion was But a much larger number are good. Final score: Tech 22, La Verne 21.

Score:

a science student can be pledg- there should be only one honored into Tau Beta Pi. When ary fraternity on campus. Phi erland which has the most—5; the chapter was first organized Beta Kappa absolutely refused China—3; India, Canada, Belon campus, it was only with to accept engineering students, the understanding that they be but Tau Beta Pi agreed to make 2 each; and Denmark, Austria, allowed to take in science stu- an exception to their usual rule France, Poland, Ireland, and

LAYTON SPEAKER

(Continued from Page 1) he spent five years with the Griffith Company, engineering contractors. For the last five 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 gain informality will be the key-

Yesterday's lecture on the Petroleum Industry, by Mr. T. A. Atkinson, was heard by an won by the Frosh last year. 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 Switzgium, Palestine and England, Bolivia, 1 each.

FROSH SPORTS ROUNDUP

(Continued from Page 5)

Cross-Country Frosh cross-country men have been outstanding in pre-season or six years, he has been with 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, p.m. in Dabney Lounge, and a- Parnes; 12th, Rawn; and 14th, Butler. These results show in themselves that the squad this year has an excellent chance of continuing the championship

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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