

California Institute of Technology

Thursday, October 14, 1948

Volume L.

National ASCE Nominates Franklin Thomas As President

Fall Meeting in Boston Names Tech Dean as Only Candidate; Final Confirmation Expected Upon Completion of Balloting

The Board of Direction of the American Society of Civil Engineers has nominated without opposition Franklin Thomas, Professor of Civil Engineering and Dean of Students here, to the post of 1949 President of their organization. This action was taken last Tuesday on the eve of the Society's three day Fall Meeting which opened in the Hotel Statler in Boston, yesterday.

Balloting

Confirmation of the nomination is scheduled late this year by letter ballot of the more than 24,000 members of the 95-year-old Society, oldest national engineering organization in the United States, and Dean Thomas is expected to take office at the Society's Annual Meeting in New York City next January.

Active

Long active in civic affairs, Dean Thomas has been a member of the Board of Directors of the Metropolitan Water District of California since its organization in 1928, and is chairman of the Colorado River Board of California, to which he was appointed as a member by Governor Earl Warren last year. He was a national Director of the American Society of Civil Engineers from 1930 to 1933 and a Vice-President in 1944-45.

Experts

Some 800 experts in various fields of civil engineering are expected to attend the nine technical sections marking the Fall Meeting, at which traffic and city planning problems, construction cost control, power, air transport, sanitary engineering, and other subjects of particular interest to the northeastern section of the United States will be discussed.

National President Addresses ASME

The first meeting of the ASME was held Monday at 11 a.m. under the leadership of Chairman Wayne Herzog. A brief outline of the year's activities was presented, which included field trips, outside speakers, and movies of technical interest.

Highlighting this opening meeting, Mr. Bailey, National President of the ASME, presented a talk on the engineering opportunities for young graduates. He firmly advised students to complete their general technical education and upon graduation to select a company that offered

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Photography Starts Next Monday For "Big T" Portraits

Portrait photography for the 1949 Big T will begin Monday evening, October 18, in the Big T office in lower Fleming, according to an announcement made Tuesday by its Editor, Bob Haufe. Due to the universally favorable reactions accorded to last year's portrait work, the Big T has again engaged the services of one of Pasadena's leading photographers, Lloyd.

In order to simplify the clerical work involved, the Big T will try to photograph as many members of one house as possible before beginning on an-

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Campus Calendar

THURSDAY, OCTOBER 14—
12:15 Throop Club meeting.
4:00 Basketball, Blacker vs. Throop.
7:30 Dancing Class, Culbertson.

FRIDAY, OCTOBER 15—
Dabney Theater Party.
Fleming Theater Party.

SATURDAY, OCTOBER 16—
10:30 A.M.—Varsity Soccer
CIT vs. USC at Tournament Park

8:00 Varsity Football, CIT vs. Whittier
at Whittier.

MONDAY, OCTOBER 17—
4:00 Basketball, Dabney vs. Fleming.
7:00 Radio Club meeting, 401 Bridge.

TUESDAY, OCTOBER 18—
4:00 Basketball, Dabney vs. Fleming.
7:30 Band Practice, Culbertson.

WEDNESDAY, OCTOBER 19—
4:00 Basketball, Blacker vs. Fleming.
7:30 Fencing Class, Dabney House
Dining Hall.
Orchestra Practice, Culbertson.

9:00 Glee Club Practice, Throop Club.

Fatigue Cause Of Blade Failure In Wind Tunnel

The Southern California Cooperative Wind Tunnel became inoperative September 13, when a fan blade failed causing an estimated \$350,000 in damages. It is expected to be back in operation by December 1, Caltech's Dr. Clark B. Millikan, director of the tunnel, announced this week in a report to the group of aircraft companies which own the big testing installation.

Cause of Failure

Specific cause of the accident was fatigue failure at the shank of one of 16 blades in the upstream propeller hub. The blade pulled cleanly out of its socket, struck other blades of the upstream propeller, but did not cause any of them to pull out of their sockets. Flaps and vanes adjacent to this stage were severely damaged. A large amount of resulting debris traveled downstream to the third set of corner vanes where a light steel screen supporting a cheesecloth screen stopped all of the large pieces. Small fragments were carried around the tunnel but did almost no damage.

Severe Vibration

Severe vibration to which the

(Continued on Page 4)

Attention Seniors!

The Senior Class will meet for the first time this year on Monday the 18th of October, at eleven a.m., in Culbertson Hall. The call is out to all Seniors to show at this meeting, at which the entire Senior Class program for the year will be set up. Many important policy decisions must be made early, and some of the items slated for discussion are the social functions planned, the budgetary set-up to accomplish this program; the dues rap which will result in the second term; the date for such intended social functions as the Junior-Senior Garden Party and the Prom; the ordering of Class rings; and many other important items of interest to every member of the class.

Date Set For Mudeo, Frosh-Soph Dance

The Frosh-Soph Dance has been scheduled for Friday night, Nov. 12, following the annual Mudeo, Nov. 9. As in the time-honored custom, the losing class of the Mudeo will pay for the dance. This has been the Frosh every year with two exceptions.

At a Sophomore Class meeting last Monday, Carl Hildebrand was elected vice-president of the class to replace the vacancy left by George Suman.

SAE Chapter Offers Membership To All Students

You don't have to be an M.E. or an upperclassman to be a member of the Caltech Student Branch of the Society of Automotive Engineers. If you are interested in any phase of transportation, aircraft, trucking, or passenger car maintenance and design, you will benefit by membership in the S.A.E. The monthly SAE Journal contains many interesting articles written by leading men in industry about a wide variety of topics. The price of the journal is ten dollars a year to non-members. You get it along with the other advantages of membership for only three (3) dollars per. Among planned field trips in the near future is one to the Offenhauser Engineering Corp. This will be of particular interest to those of you who have an appreciation for the ultimate in internal combustion engine design.

If you want to take advantage of these opportunities offered by membership in SAE, contact Andy Harris, Blacker 46, Stud Johnson, Blacker 45, or leave a note for Hank Long, Box L, lower Throop.

DuBridge Attends Academic Events

Dr. Lee A. DuBridge is attending the National Education Conference at the University of Wisconsin. He is participating in the conference and addressed it in a general session on the subject of "Higher Education and Research."

Dr. DuBridge will go from Wisconsin to New York to attend the inauguration of General Dwight D. Eisenhower as President of Columbia University on October 12 before returning to Caltech.

Program Discussed At Annual Caltech "Y" Cabinet Meeting

The "Y" Cabinet's annual conference held last weekend saw a general program for the current school year formulated. The meetings took place in the South Pasadena Y's hut in the Arroyo Seco and were attended by a large group both Saturday evening and Sunday.

Under discussion were the Upperclass and Frosh luncheon clubs. Forums, WSSF, Firesides, the "Y" Beaver, and the many other activities of the Caltech "Y". A concrete policy on membership was established, including using membership cards. Two tantalizing meals were served Sunday by cooks Vern Edwards and Harry Begg.

Regional Meet

This weekend Camp Seeley will be the scene of the regional YMCA and YWCA Conference, where problems and policies of all "Y"s in the area will be discussed. John Fee, Caltech "Y" regional representative, and seven others from this school will attend the meet.

Alumni Placement Lecture Series To Begin Wednesday

County Fair Theme Revealed For Fall ASCIT Date Dance

Throop County Fair will be the theme of the Fall term's ASCIT dance at the Oakmont Country Club Saturday night, October 23rd. It will feature all the unusual produce and animals of Throop County, while pie eating and milking contests between the champion herdsmen of the five houses will be in order. This will be the climax of the ASCIT social program this term, and promises to be a very fine event.

Carroll Wax

Costumes for the girls will be gingham dresses; and for the men, relatively clean levi's and bright shirts. Those of you attending the Altadena Country Club dance of last term will remember the fine music put out by Carroll Wax. He will be at his old post again this term, to furnish smooth music from 9:00 until 12:00. Admission will be by student body card, everyone is invited to come out for a really fine time.

Debate Crew Sends Breiman And Rudin To Speech Clinic

Caltech's public speakers will commence their twenty-fourth season this Saturday, when Bernard Rudin and Leo Breiman represent Caltech at the Western California Speech Clinic, to be held at P.C.C.

Many Schools

Over 200 students are representing twenty-six schools in a discussion of techniques of speech and an analysis of problems of college debate.

Nine Tournaments

The rest of the squad will be kept busy preparing for the nine tournaments to be held this year, including the two-day affair at Caltech, January 14-15. Following is a schedule of the speech events: LACC Debate, November 5-6; Pepperdine College Speech events, November 12-13; Western Association Speech Events, Claremont College, November 19-20; College of Pacific Tournament, December 3-4; CALTECH TOURNAMENT, January 14-15; Bakersfield College, February 4-5; UCLA Speech Tournament, February 19; Redlands, March 31; Waco, Texas, Tournament, April 4.

Large Turnout

With twenty-five men comprising the large squad, Dr. John Schutz, debate coach, is expecting a better than average season. Tom Vrebalovitch, last year's champion extempore speaker and debater, has been selected as assistant coach.

Returning old members are Stan Boicourt, Leo Breiman, George Brown, Douglas Calley, Larry Dyer, Nat Gould, John Heath, James Kenny, Bob Kurland, Ulrich Merton, Ritchy Newman, John Rogers, Bernard Rudin, Glenn Savant, Bob Smith, Vernon Smith, Robert Stubbins, Ken Terwilliger, and Fred Wood.

Section Leaders

Dean of Freshmen Foster Strong asks that all Frosh sections elect a section leader for the school year during some class period tomorrow, Friday. As his first duty, each section leader is to report his election to Dean Strong sometime tomorrow.

First Discussion To Treat With Large And Small Companies

Series to Be Opened With Informal Gathering In Dabney Lounge; Mr. Johnson to Give First Talk

By Dick King

Next Wednesday, October 20, is the big day, the first day of the scheduled lectures on Placement Opportunities. Mr. T. W. Johnson, of the Security First National Bank of Los Angeles, will open the series speaking on the general subject, "Opportunities in Large and Small Industries and Government," a subject which is usually of interest to all who seek employment.

The lecture will start at 4:30 p.m. in Dabney Lounge, but the meeting place may be changed later.

The first 20 or so minutes will be devoted to a lecture, after which any questions or discussion will be invited. This promises to give the students who are interested in planning for their future a chance to start now, instead of in their senior year.

Qualified to Talk

And Mr. Johnson is certainly one of the most qualified men in Southern California to talk about large and small industries. All of his 30 years with the Security First National have been spent in the Loan and Credit department, and he has now risen to the position of Vice-President. In the war period, he was in charge of War Production Loans.

Sunday Fireside At Home Of Dean Jones

The Sunday night Fireside Series, sponsored by the Caltech YMCA is commencing this coming Sunday at the home of Dean Jones to be followed on Sunday October 24 by a fireside at the home of Dr. Millikan.

Each Sunday ten or a dozen students will be invited to the home of some faculty member, Institute Associate or prominent Pasadena citizen. These Firesides are designed to permit Tech students to meet prominent people on a strictly informal basis.

Sign Up Now

Any student who wishes to come along may do so merely by signing one of the lists which are posted in each of the four houses and in Throop Club. Unfortunately the number for each Fireside is limited and the invitations are on a first-come first-serve basis.

The get-togethers usually last from 7:30 to 9:30 and feature light refreshments along with delightful company and non-academic conversation.

For further information see Dave MacKenzie in Dabney 52.

Laverty, Forester Address ASCE

The first meeting of the Caltech Student Chapter of the Student Chapter of the American Society of Civil Engineers was held last week, at which Mr. Finley Laverty, high in the circles of the Los Angeles County Flood Control District, and Student Chapter Advisor of the Los Angeles Chapter of the ASCE told an eager group of would-be rear chainmen about the relationship existing between the Student Chapters and the parent Society, and outlined the advantages of membership in the Student Chapter.

Much Talk

Mr. Laverty's short and pointed discussion provided welcome relief from the yacketa-yak of the Chapter President, Chuck Forester, who assailed the ears of the assembled multitude with a vivid description of the Chapter activities of last year, and an exposition of the tremendous program planned for the Chapter for this coming year.

More Talk

Mr. Forester proved once again his incomparable ability to say in ten minutes what anyone else can say in five by supplementing the statements of Mr. Laverty, towit: that there are numerous activities in the Society which make it possible for the student member to broaden his professional contacts, to enjoy a gay, carefree social life away from the terrors of the transit.

Associations

He will benefit generally from the associations formed within the framework of the close relationship existing between the Tech Student Chapter and the Los Angeles ASCE Chapter, the second largest chapter in the oldest engineering society in the United States.

Mr. Green first came to the Institute in 1947 as manager of the accounting office and last July was promoted to the position of assistant business manager. He was with the Price, Waterhouse Company for 10 years prior to joining the Caltech staff. He is a veteran, having served as an officer in the U. S. Navy during World War II, in which he held the rank of Lieutenant.

He is a certified public accountant and a graduate of the University of California at Los Angeles from which he obtained his bachelor of arts degree in 1937 in business administration.

George Green Now Business Manager

Promotion of George W. Green to the position of business manager of the California Institute of Technology was announced today. Mr. Green, who has been assistant business manager, succeeds William R. Stott who resigned recently to become vice-president and treasurer of the Standard Perlite Corporation.

Mr. Green first came to the Institute in 1947 as manager of the accounting office and last July was promoted to the position of assistant business manager. He was with the Price, Waterhouse Company for 10 years prior to joining the Caltech staff. He is a veteran, having served as an officer in the U. S. Navy during World War II, in which he held the rank of Lieutenant.

He is a certified public accountant and a graduate of the University of California at Los Angeles from which he obtained his bachelor of arts degree in 1937 in business administration.

The California Tech

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CAMPUS BREWINS

I had a dream the other night. It was pretty awful. I guess it was after the Oxy Exchange; we had invited a few girls to see our rooms—there was a song or two, cookies were passed, then the mistake of returning to the dance floor and the stag line. Strange sort of a dream, don't usually have them:

Three RA's and four House presidents in descending order are led by a briskly striding Rube Mettler. A smart Column-Right is executed on Arden Road, followed by a staccato "Cump'nee Halt!" There is opening of doors, an orderly entry into Staff Headquarters. Salutes and words of greeting are exchanged. There is rustling of a magnificent moustache, and the Orders-of-the-Day are heard:

"Gentlemen, it has come to my attention . . . (Dave Browne breaks out in a cold sweat) . . . that some of the (ahem) regulations concerned with the governance of the Student Houses have . . . ah . . . lapsed into disuse. Now it must be perfectly obvious—even to Mr. Bruington here—that regulations are of no value unless they're enforced. We might as well . . . (Al smiles sweetly, raising his hand, but The Colonel parries with a nod) . . . just let me finish here, and then we can all have our say."

"First I want it understood that, though I don't necessarily approve of all these rules, it is my duty to act in my office as Master of the Student Houses when infractions are brought to my attention. (Significant glances are exchanged among the RA's. Saltman laughs deep in his throat). Gentlemen, I think it would be much simpler for all of us if we drafted a new set of regulations upon which prior agreement is reached. These new regulations must, of course, be enforced to the last letter! I have here a questionnaire for the personnel in this command (Browne coughs) wherein suggested changes in the regulations may be offered by the men who must ultimately obey them. I think this is the most democratic procedure. (A wave of his hand indicates a pile of mimeographed paper). These will be filled out in triplicate and returned to the officers-of-the-Day.

Hayward queries, "You mean if the troops, I mean the House members, agree on a given rule, then it becomes a part of the regulations?" Folded hands and a nod indicate his assent.

"Of course, the final decision rests with me . . ." From the depths of Fleming a low, pulsating roar is heard. Twenty-odd men spill out of the west gate followed by as many guards bearing a huge placard: It reads, "Rule 89-x: Beer and Wine, no Stout!" One wall of the Astro Lab wheels open, and the retreating sinners are swallowed up.

All is quiet now. Not a soul to be seen, only the guards.

Smothered giggles are heard from the Houses. Several guards are methodically inserting through each window a light meter on the end of a long pole. The minimum 25-watt lights (Rule Y-4) glow against the curtains.

Now several couples begin to emerge, make their way to parked cars, and drive off. The emigrant stream increases; the Houses are nearly deserted. The guards earnestly study their watches. Almost as a unit they cock their heads and the sound of a tremendous gong rends the air. Guards race into the air. Guards race into the air.

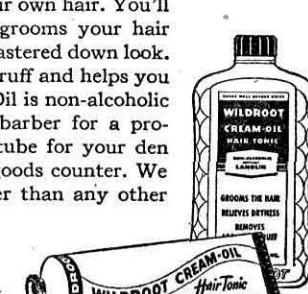
(Continued on Page 4)

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



REMEMBER the mane? You should have seen the one on this social lion before he switched to Wildroot Cream-Oil. It was positively beastly! So may we paws to make a suggestion: try a little Wildroot Cream-Oil hair tonic on your own hair. You'll roar with approval when you see how it grooms your hair neatly and naturally without that greasy, plastered down look. How it relieves dryness, removes loose dandruff and helps you pass the Fingernail Test! Wildroot Cream-Oil is non-alcoholic and contains soothing Lanolin. Ask your barber for a professional application. And get bottle or tube for your den today. You'll find it at any drug or toilet goods counter. We aren't lions when we say you'll like it better than any other hair tonic. Most of the cats do!

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



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

Opportunity . . .

The Caltech Alumni Association is giving the first in their proposed placement opportunity series next Wednesday. This series will offer a unique opportunity to those of you who are about to graduate. This is the first time that an attempt has been made on campus to bring a whole series of discussions, lead by competent men from outside the institute, to the student body.

These leaders will not be faculty men; they will be men from industry, capable of telling the students the exact need for trained men, what sort of wages they would be offered, and how they could best take advantage of any opportunities which might arise.

The actual details of the project may be seen in the story on page one. A careful reading of this story will show that the alumni have attempted to put together a series which would give the students the greatest possible opportunity to learn more about the points which are actually troubling them. At the meetings there will be a short twenty or thirty minute talk by the speaker. After this there will be a great deal of time devoted to discussion.

The last point might need some clarification. The picture it probably leaves in your minds is that of a "question period" after a lecture, during which the speaker stands on a raised platform, resting the fingers of one hand lightly on the top of a table, and needing only a glass in one hand to complete the picture of studied disinterest.

Actually, nothing could be further from the aim of the series. The discussion period will not be a question and answer period, but a time for discussion. During this period the leader and the students present will talk about the problems they have. The discussion will be highly informal, with the leader attempting to get to the heart of the question and trying to get across his views as gathered from experience to the students who are about to go out into the business world.

This series can be highly useful to the students if they will take advantage of it. The first talk, which will be given next week will center about the problem of opportunities in small and large industries. This talk was carefully selected as the first in the series since this is the problem which would most often be uppermost in the mind of the student who is looking for his first job.

"Should I go to work for a small company where I would be able to advance fast, or should I go to work for a large concern where I would have the advantage of being able to work with a great variety of new and expensive equipment which would not be available in a smaller company?"

Questions like this bother all of us when we begin to choose our first job. Mr. Johnson, the first speaker, will attempt to weigh the good and bad points of each choice in such a manner as to help you decide what would be best for you personally. The individual is the important unit in cases of this nature. Some would be quite happy working for a small industry, others would feel hamstrung.

This series will be of greatest interest to the seniors of course, but anyone is invited to come. If you plan to graduate (and all of us have wishful dreams to that effect) and eventually settle down to working in the cold, cold world outside, then you should come to these lectures so as to be better able to evaluate the advantages and disadvantages of any position which is offered to you when you graduate.

The way to get the most out of this series is to think over the subject before you arrive. If you have a clear idea about your problems, it will enable you to obtain a clearer answer to them. But if you only have an uneasy feeling that you don't quite know what you would like to do, come anyhow. These lectures will probably help crystallize your ideas and enable you to look forward to graduation with a feeling of confidence.

—J.A.H.

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or

WHEN YOU JUST NEED RELAXATION

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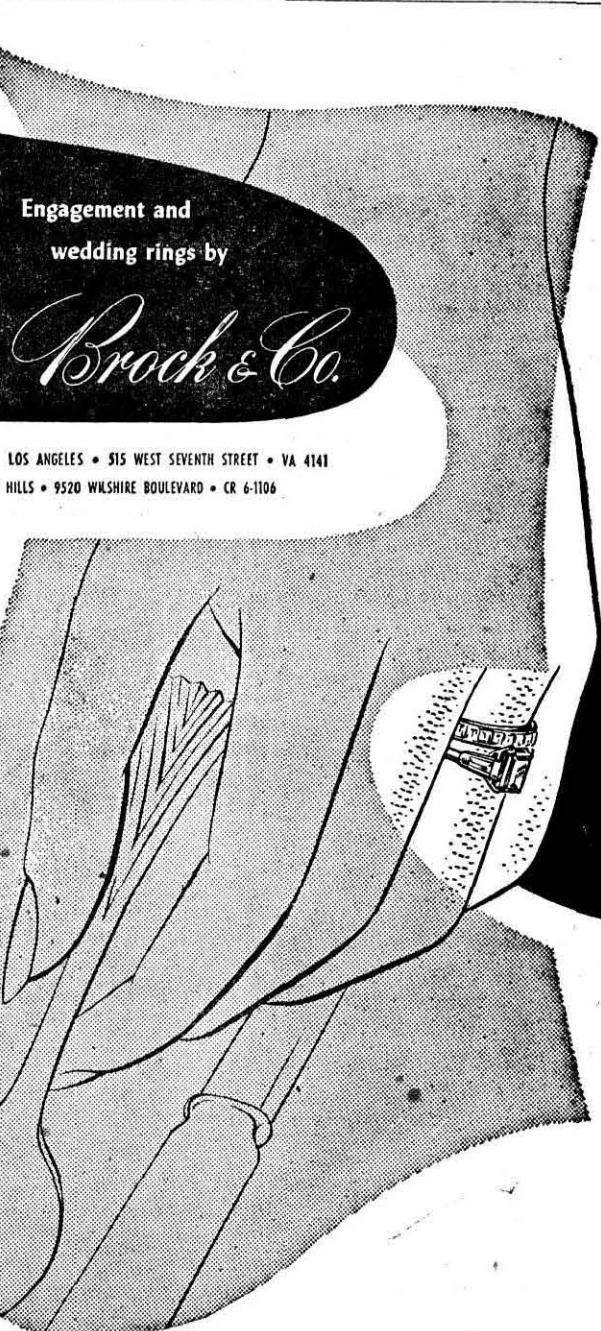
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The Front Burner

Somerset Maugham's comedy "The Constant Wife" features the problems of a constant wife with a not-so-constant mate as the theatre bill-of-fare at the Pasadena Playhouse.

Isobel Elsom plays the title role in the Maugham comedy with major roles carried by Weston Graff, Carl Harbord, Virginia Kelley, Patrick Whyte, Renee Mercer and others. The Playhouse staging also serves to introduce Robert Milton in his first Playhouse directorial assignment.

"The Constant Wife," long a New York and London hit, is currently running from October 13 to 24 as the second playbill in the new season.

PHOTOGRAPHIC STARTS

(Continued from Page 1)

other. Appointments will be made in the lounge of the house after dinner. It will take about two weeks to complete one house. Ricketts House is to be photographed first, and the other Houses will follow. Members of Throop Club and other off-campus students will be photographed during the latter part of the term, and appointment arrangements for them will be announced at that time.

The hours will be from 7:30 p.m. to 9:00 p.m. Monday through Thursday evenings in the Big T office, and 1:00 p.m. to 5:00 p.m. Friday afternoons at Lloyd's studio in downtown Pasadena. The price this year is \$1.25, including all taxes. (This is 3¢ less than last year).

Tech Radio Group Plans Code Class

Last Monday night the Caltech Radio Club held its first meeting of the school year. The Frosh class supplied a surprising number of hams and about ten (they should beat their heads against the wall so hard!) who are interested in learning the code and getting amateur tickets. It is hoped that the Club will be able to organize a code class for those interested, possibly in cooperation with the Pasadena Short Wave Club. Another meeting will be held next Monday at 7:00 p.m. in 401 Bridge. Business will be code practice and new membership; getting some equipment on the air and organizing a

ASCIT Exchange With Oxy Held In Houses

Last Friday night the ASCIT exchange with Occidental came off as scheduled. About forty-five Oxy girls, mostly freshmen, were transported to CIT, where a great number of Techmen turned out to greet them. A ratio of approximately seven to one resulted.

The girls went to Throop Club, Fleming and Blacker Lounge where they danced to records and were subjected to various mixers. Refreshments were served in Throop Club and Ricketts and some of the more successful men enticed the girls to view the Dabney television.

couple of antenna raising parties.

Great Season Seen For Ricketts Socials

Another season of smashing social successes is scheduled for Ricketts House, according to Bill Bradley, calculator of the calendar.

Big Events

Following the Oxy game, an Open House will be held, with an Exchange tentatively planned for the succeeding evening. The next weekend will witness a flurry of activity in preparation for the Interhouse, with a Decorating Stag preceding this event. Another Open House will be held after the Redlands game.

Bigger Events

Bowlers, ice skaters, and devotees of the stage will all be accommodated in a novel combination party to be held the weekend before Thanksgiving, with Terpsichoreans and tipplers to be entertained at the House later that evening. The final week of the term's social whirl will feature one of those notorious Ricketts Barn Dances, about which nothing further need be said.

Lincoln Welding Foundation Offers Student Awards

Regulations for their annual Engineering Undergraduate Award and Scholarship Program, which offer competition in the field of arc welding application or technology, have been announced by the James F. Lincoln Arc Welding Foundation. 77 individual awards are offered, ranging in value from \$1,000 to \$25.

All engineering undergraduates in any school that offers engineering curriculum are eligible to compete. Papers on arc welding must fall in one or more of the following categories: (1) Design, (2) Maintenance and Repair, (3) Welding Fabrication, and (4) Research and Development.

Full information may be obtained by writing the James F. Lincoln Arc Welding Foundation, Cleveland 1, Ohio. All entries must be submitted by April 1, 1949.

Geology Club In Big Meeting

The largest meeting in the history of the Caltech Geology Club was held last Wednesday, Oct. 6, in 155 Arms, with about 120 members, guests, wives, and sweethearts witnessing a program which featured prominent members of the staff. Dr. Chester Stock, division chairman, delivered a message of welcome in his own inimitable style; Dr. Richard Jahns praised the morale of Tech geologists; and Dr. John Buwalda traced the history of the department from its humble beginnings in 1925 to its current "golden age."

Old business consisted of railroading Beach Leighton into the presidency, to replace Edwin Buffington, who recently left Tech for greener pastures. Elder Denson was then elected vice-president. Movies and slides depicting various summer trips of Caltech rock-breakers were shown, after which the program was dismissed for refreshments.

TECHMEN JUDGE GIRLS

(Continued from Page 1)

tling down to feast and chat.

As might have been suspected, there were ulterior motives to this sudden relaxing of strict codes, in this case, the whole affair was designed to select the best decorated rooms in the dormitories. Each visitor was handed a ballot and asked to estimate the relative merits of the rooms on the basis of their interior decoration. It is not known how many Techmen were able to limit their evaluating abilities to decorations when they felt so much more competent to judge refreshments and the winning ways of their hostesses. Nonetheless, winners were announced during the dance that followed.

Although it might be said that CIT students were rather outnumbered at this affair, and so somewhat handicapped, the majority feel that the Pomona girls are to be congratulated for their successful evening.

Students Offered Work As Proctors

Students who have had at least two years of college are eligible to apply for part-time Saturday work as proctors in Civil Service examinations. The work is for about 5 hours a day, for either 1, 2, or 3 Saturdays a month. Proctoring involves administering written, and sometimes oral, examinations, the proctor need only see that everything is going all right and to take part when necessary. The salary is \$1.21 an hour.

I. Q. Exam

Applicants must take a standardized I.Q. exam, to be given October 30. File for applications at L.A. City Hall, room 11, First and Spring streets, in the Los Angeles Civic Center. Deadline for filing is October 21.

More Info

Additional information may be obtained by calling Mr. A. B. Stauch, Personnel Technician, Michigan 5211, Ext. 734.

Help To Students Offered By Taubate

The Tau Beta Pi chapter on campus, in conjunction with the Caltech Y, is offering a tutoring service to all undergraduates who are interested. This service was offered last year also, and at that time a great many students took advantage of it.

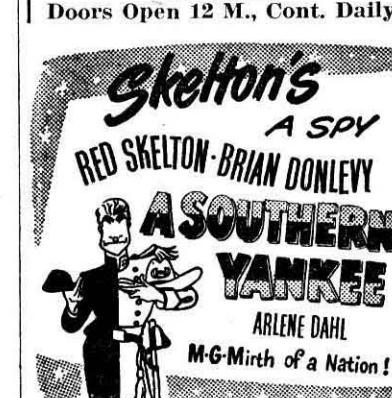
How To Get Help

To obtain help in any subject, a student merely has to drop by the Y office and ask for help. Wes Hershey will be glad to give you the name of some Taubate who has expressed a willingness to give aid in the subject you

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CROWN

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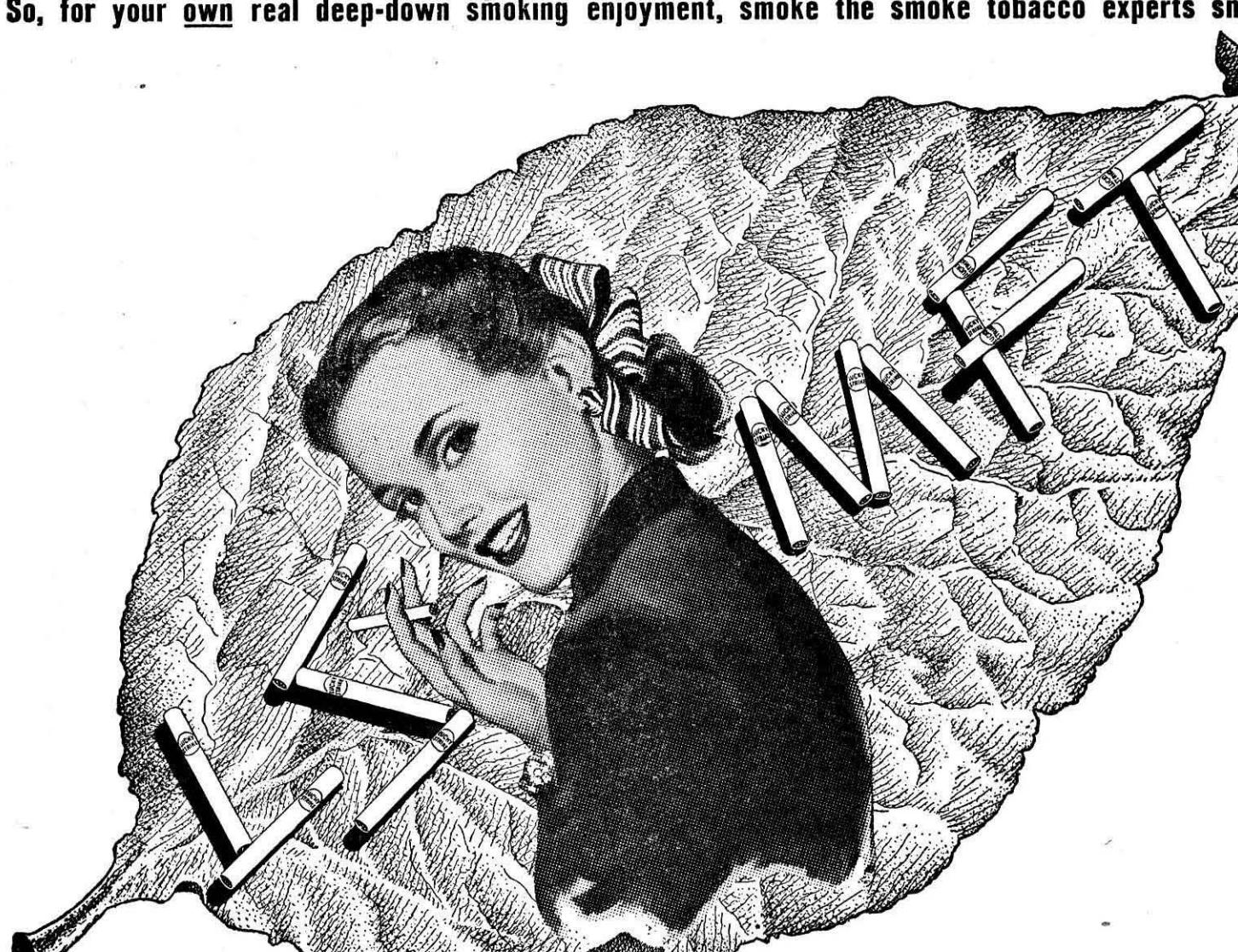
First Again with Tobacco Men!

More independent experts smoke Lucky Strike regularly than the next two leading brands combined!

An impartial poll covering all the Southern tobacco markets reveals the smoking preference of the men who really know tobacco—auctioneers, buyers and warehousemen. More of these independent experts smoke Lucky Strike regularly than the next two leading brands combined.

First Again with Tobacco Men!

So, for your own real deep-down smoking enjoyment, smoke the smoke tobacco experts smoke!



PRESIDENT ADDRESSES

(Continued from Page 1)

a wide and varied training program regardless of immediate monetary return. Mr. Bailey also stressed that the stability of the concern is of great importance. He warned of over specialization both in education and in the early years of professional experience.

Urging a broader outlook for the engineer, Mr. Bailey stressed the desirability of taking part in civic affairs and the activities of the engineering societies.

A lively discussion period concluded the meeting.

CAMPUS BREWINS

(Continued from Page 2)

houses, flash down the halls, opening doors and switching on lights. Knots of them are clustered here and there with great war machines battering down the doors or ripping off the window casements from the outside. At folding-chair-point the occupants are marched down the halls.

Now a handful of frightened couples are herded down The Brick Walk, some with their wine glasses still in nervously-shaking hands. There is a muffled scream or two. The procession can be seen disappearing into a portal in a distant statue at the end of the Walk. It resembles a Buddha with folded hands and slightly bowed head.

The last two guards close the steel doors. One says to the other, "It's rule Z-00, you know —'Not after Three O'clock!'"

FATIGUE CAUSES

(Continued from Page 1)

entire tunnel was subjected resulted in breakage of some of the supporting links of the balance elements. There was no apparent damage to the tunnel shell except in the plane of the downstream fan where three or four serious dents will re-pair.

Inspection

Because the entire structure was subjected to a severe racking, it will require careful inspection of critical areas before operation can be resumed.

No Fire

The fact that no general fire resulted, even though the tunnel was filled with a dense cloud of smoke and oil fog, is attributed to the fact that it was being operated at near vacuum condition. The cheesecloth screen at the third corner was obviously completely burned, but no other fire resulted.

There was no injury to any personnel.

Arrangements have been made for the Cornell Tunnel, identical to that at Caltech, to take over the most urgent tests. Availability of spare blades and other parts from the Cornell Tunnel will facilitate speeding up of repair work and have made possible the estimated completion date of December 1, Dr. Millikan reported.

Checking Parts

All apparently undamaged propeller parts are being magna-fluxed to determine their true condition, and similar critical examination will be made of the entire tunnel structure.

2900 Hours

The blade which initially failed had operated a total of 2900 hours when fatigue failure occurred. The problem of preventing a recurrence of such fatigue failures is a very difficult one, and is being carefully studied by the tunnel staff concurrently with the emergency repair work.

Caltech Students Welcome at
Neighborhood Church



A Church of Liberal Religion
225 West California Street
SUNDAY WORSHIP 11 A.M.
REV. CURTIS BEACH
MINISTER

Blacker Wins Opening I H Casaba Tilt

The inter-house basketball season opened last Monday with Blacker downing Ricketts 29-26. The Blue was a big team led by Sweet who racked up 17 markers which were the difference between victory and defeat. Blacker looked strong and may surprise everyone by dribbling off with the basketball honors. Since the other houses have not played at press time, their tentative position cannot be determined, but Fleming can be depended on to field a well rounded outfit.

No Letterman to Play

Preseason talk was going to allow last year's frosh to play which would have given Blacker a decided edge, but the final analysis left all lettermen in the referee status. However, all the houses have quite a bit of unrestricted talent running loose, so the games should be quite close and spirited.

Schedule:
Mon. Oct. 18, Dabney vs. Fleming
Tues. Oct. 19, Throop vs. Ricketts
Wed. Oct. 20, Blacker vs. Fleming
Thurs. Oct. 21, Ricketts vs. Dabney
Mon. Oct. 25, Fleming vs. Throop
Tues. Oct. 26, Dabney vs. Blacker

Grid Experts Vie In Picking Game Winners

With this second issue of the bigger and better sports page of the California Tech, the battle of the grid experts enters its second hectic week.

Staff vs. Athletic Dept.

It's the Athletic Department versus the Sports Staff in picking football winners of five important pigskin contests each week. The Institute Athletic Staff is represented by Hal Musselman and Coach Andy Anderson, and their opponents, Thorne Butler and Paul Saltman, represent the Tech Sports Staff.

Hal Tops

Last week Hustlin' Hal came up with a 1.000 batting average in calling the winner in each game. His partner fared none too well, by picking 2 out of 4. The two Staff men combined their talents for 7 out of 10. However, Musselman and Anderson called 7 out of 9 to top the journalists in the first round.

PASADENA BOWLING COURTS

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Headquarters of Caltech Bowlers
Open 11 a.m. to 1 p.m. Sat. & Sun. Morn. 10 to 12:30
Special Student Rate before 6 P.M.
except Saturday, Sunday, and Holidays
20c Per Line

Water Polo Team Begins Scrimmage

This week the Caltech water polo team begins practice in full force. Again this year P.C.C. has agreed to let the Tech men use their swimming pool for afternoon practices. In the absence of Bob Merrick, Bill Dixon, one of last year's outstanding swimmers, has taken over the coaching duties.

Large Squad

A full team of varsity men turned out for scrimmage last week, with a strong lineup of substitutes. Coach Dixon's squad will include Mike Hall, and Bob Waters at forward, with Al Eschner, and Dick Libbey at sprint. Joe Curray, Bill Harris, and Bob Stert at guard, and Bill Palmer at centerback will hold down the backfield. Ed Reinke will probably handle the goal.

Casualty

The first casualty in several years was sustained by Fred Schneider who broke a finger during practice last week. The team has high hopes of having him back in action before the end of the season.

Games have been arranged with Occidental, U.S.C., U.C.L.A., Loyola, and Compton. This week the mermen have a practice scrimmage with Muir J.C.

Thirty-Four Bowlers Topple Tenpins For Interhouse League

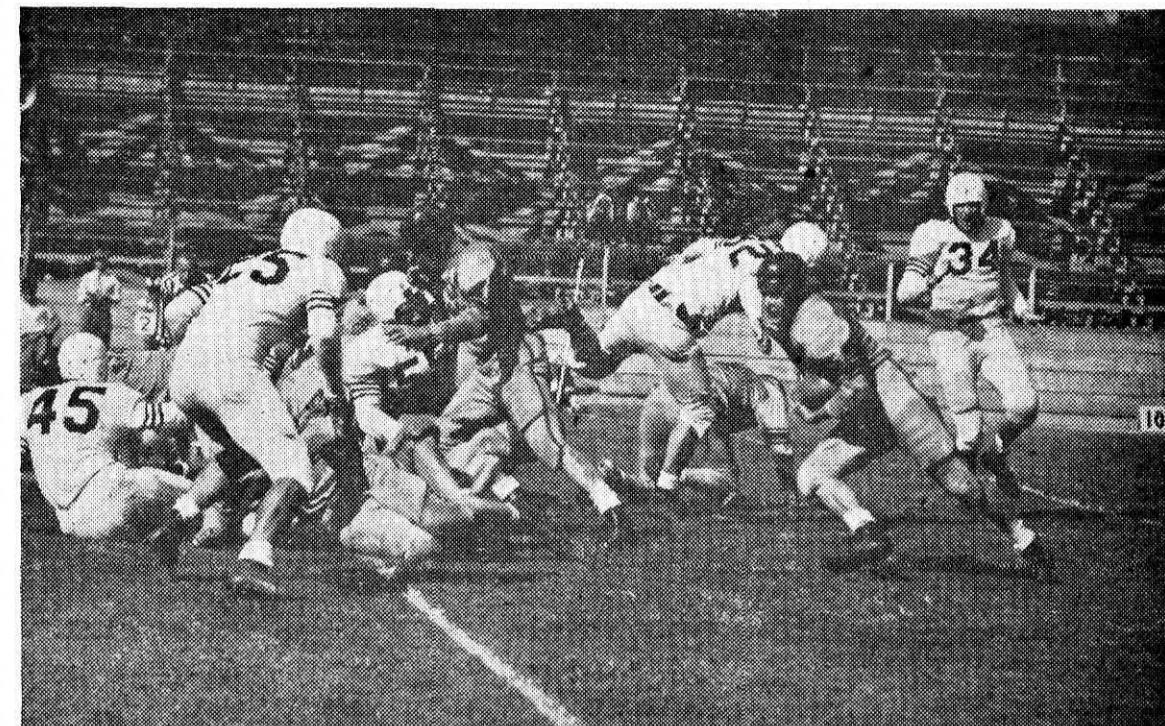
Interhouse bowlers, returning to the alleys this Monday for the first time since last spring, showed the effects of a long summer away from the sport. This practice session was put to good use by most of the keglers, as progressively increasing scores were the rule.

Apparently Dabney bowlers are already in top form and will be tough to beat as they were conspicuously absent from this meet. Other houses had nearly full to oversize squads, with a total of 34 bowlers present.

Top pre-season marks were fired by Woody Brattnber of Ricketts with a 213 game and 574 total; Roger Baier of Ricketts, 190-512; and Bob Benton of Throop, 191-506.

CALTECH BARBERS

on California Near Lake

BAKER DIGS OFF TACKLE

Baker dashes around left end as Don Hibbard blocks out Parsons (55) of the Sagehens as Fortney (25) awaits the ball carrier. Engineers were shut out by powerful Pomona eleven Saturday 26-0.

Schussing with the Shoose

This last weekend the California Ski Association held its annual convention at the Huntington Hotel. There were two days of meetings and discussion and a big dinner-dance on Saturday evening. The most important single item of discussion was the matter of dues and the financial condition of the CSA in general. After heated discussion a new policy was adopted that includes: \$2 per year for all members (except) \$1 per year for college students, and 100 per cent membership required of all clubs.

No Difficulty

The Tech ski club is avoiding any difficulties with the required 100% membership by including the \$1 in the regular club dues, and not increasing the dues over those of former years.

The new dues policy of the to run the Association this next year in a manner satisfactory to

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.

the member clubs. No significant amount of trouble is expected from the member clubs regarding the new dues, as the Association is mainly responsible for present skiing conditions in the state.

It should be mentioned that the new title, "Far West Ski Association," was formally adopted so as to include Nevada and Hawaii.

The club dues for this next year will be \$3, which includes the (now) FWSA \$1 dues. We feel that this sum is indeed small, when our club and facilities are compared with others nearby. UCLA has substantially higher dues, and their club does not have any hut.

As stated last week we now have electricity installed. Also, there is the possibility of having running water in the hut by this winter (as yet problematical). There are eating and sleeping accommodations for fifty persons, and more have been squeezed in on special occasions.

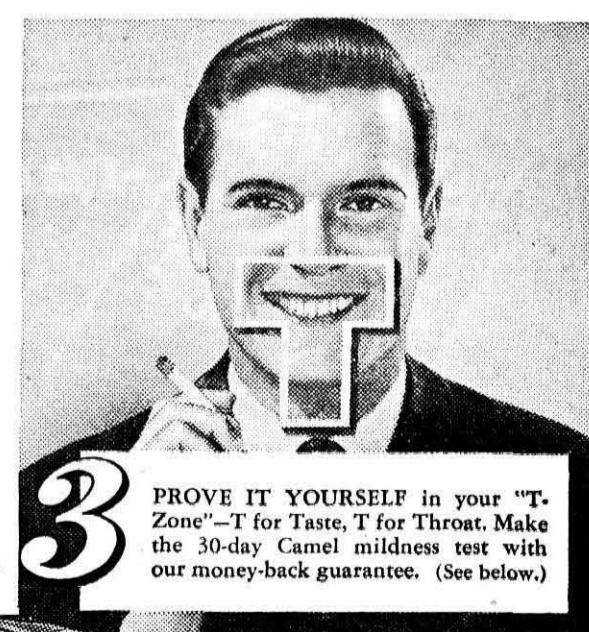
Help Needed

This next weekend there is a working party that is going up to cut wood for the winter, finish the cleaning up started this summer, and complete a number of smaller jobs that should be done before the colder weather sets in. All persons interested in going up (the mountains are beautiful at this time of the year) should contact an officer of the club if possible, and they should definitely show up in the court between Fleming and Ricketts after lunch Friday noon. At this time transportation for the weekend will be arranged. That is tomorrow noon for the meeting and Saturday and Sunday for the trip up to the hut.

The Tech Ski Club is beginning an appeal this week for kitchen utensils (not china or silverware) and for chairs. Both items could be put to good use in the hut, and unless we can get some contributions from interested members, we shall have

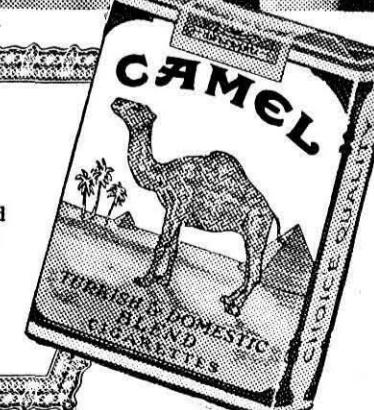
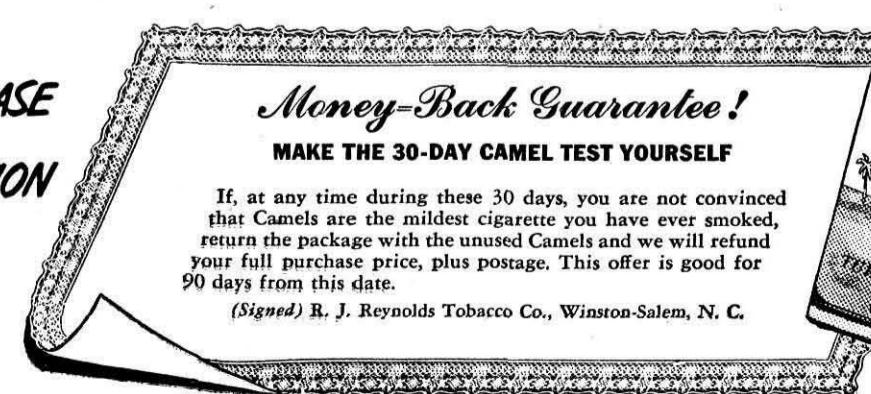
(Continued on Page 6)

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FURNISHINGS
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Sy. 2-3871 - Pasadena 1

CAMEL MILDNESS IN DRAMATIC 30-DAY TEST!**THIS TEST REVEALED**

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MORE DOCTORS SMOKE CAMELS THAN ANY OTHER CIGARETTE

Doctors smoke for pleasure, too! And when three leading independent research organizations asked 113,597 doctors what cigarette they smoked, the brand named most was Camel!

Talkin' It Over
With The Goon

Well men, here it is only the third week of our happy new term and what was once a nice sweet lovable disposition has been transformed into one of the brittlest of brittle beaks.

Never have I seen less support for a football team than last Saturday at our opener with the Sagehens. It's not that far to Claremont. If there was a skirt on the other end of the line rather than a gutty bunch of pigskinners you could bet the turnout would have been 600 guys instead of the stalwart 200 that always makes it a point to give the school a hand, whether it be by cheering the athletic teams or going to the dances. Every year its the same old story. "I can't go, 'cause I got too much snaking to do." That's so much sheep dip. There is plenty of time; all that is needed is a little effort on your part.

Heard one of the finest compliments about a Tech squad last Saturday. During half time the ref came over and said, "For a team that was supposed to be pushed all over Pomona, you men have the hardest fighting bunch of football players I've seen all year." And that just about sums up the game in a nutshell. The men were all playing on sheer fight. With Fuzz Merritt running in his substitutes like Fritz Crisler, (and some were just about as big as a few of those Wolverines that smashed the Trojans last year) the guys on the line didn't have time to draw a breath without a new monster shoving an elbow in their eye.

One of the better games turned in was by Bill Silvies. For his first year of inter-collegiate competition, Bill played a cool driving game, many times making the crucial tackle when he was the only man between the up-

(Continued on Page 6)

Beavers Fall To Sagehens

There was no joy in Techville last Saturday evening as the battered Beavers returned from taking a 26-0 pounding at Pomona. Coach Mason Anderson had given us fair warning, the Sagehens were big, tough, and numerous; all we can say is that he was right.

Early Score

Pomona took the opening kickoff and marched 55 yards in 10 plays, with John McColl scoring the first touchdown. Then the Beavers tightened up, and while they couldn't get into scoring territory themselves, they kept the Sagehens outside the Tech 20 yard line for the rest of the first half.

Substitutions

In the third quarter, however, the roof fell in as Pomona continued to use mass substitutions and by sheer weight of numbers pushed over two more touchdowns, McColl and Colbath scoring. Tech ends, Don Hibbard and Odell Carson, gave some encouragement to the fans with their inspired defensive play, rushing and trapping the Pomona passers.

Pass Defense

The final quarter was played on the Tech half of the field again, with the Engineers never penetrating beyond the Pomona 40 yard line. It was during this period that the Beavers showed that they, like the US Marines, are always outnumbered, but never outfought. They dug foxholes and held the Claremont comets for 4 downs inside the Tech 4 yard line. A weak pass defense executed by tired defend-

(Continued on Page 6)

New Soccer Team To Face USC

The soccer season will be officially opened for the Beavers on Saturday morning at 10:30, on the Tournament Park turf, facing the University of Southern California. Since this club romped to a 3-0 shutout upset against U.C.L.A., the Caltech team will go in the way they have always done—as underdogs.

Loaded with veterans of the L.A. Soccer League, the visitors will field a sharp well drilled ball club.

Institute Support

The Athletic Office has been principally responsible for the return of the popular sport; Hal Musselman and Coach Nerrie deserve credit for their assistance. Mr. Nash of the L. A. Amateur Soccer League has volunteered his organization's assistance in arranging games and other necessity which the club will need. Already the U.C.L.A. Athletic Office has requested a three game series with the Orange and White.

Practice in Swing

The Soccer Squad is now in training for their first game, practice is held on the North Field at 4:15 every afternoon. In need of men who will follow the training and report regularly, the Caltech coach will welcome

(Continued on Page 6)

Frosh Sports Roundup

By Leon Michaelson

Deep in the third week of practice, the Beaver Babes are shaping into promising football men. Luck has thus far been with Coach Preisler, in that injuries have been at a minimum and high spirited scrimmages have been generally free from mishaps.

This coming Saturday holds much for the Frosh squad when they meet Whittier here on Padock Field at 2:15 p.m. Last year Whittier was a predominating factor in league competition, and is expected to be by no means a pushover this year. The mighty little men of Caltech will be there, though—fightin'.

Lineup

Ed Preisler has given us a tentative starting lineup—tentative in the sense that it is too early in the season to settle on definite positions. The lineup is: Michaelson ... LER Cooke or Wise Destabelle ... LTR Cooke or Wise Peck ... LGR Fuller C. ... Lamar C. ... Hanna or QB ... Smith FB ... Woody Karasawa ... HB ... Patapoff

All members of the team are destined to see lots of action. At ends we see Belman, Erwin, Gaines, Key, and Petters. At tackles, Bartlett, Earnest, Marshall, Meggs, and Middlebrook. At guard positions, Cagle, Cas-

(Continued on Page 6)

Favored Poets Hosts To Beaver Eleven

Anderson's Squad Travels to Whittier for Second League Tilt

Again resuming the role of a decided underdog, the Engineers travel to Whittier to face a powerful Poet team. The Poets have not had too impressive a record during their non-conference tilts, being dumped by Santa Barbara and San Francisco State. However, they have shown decided strength in their running attack at times, with backs Tucker and Reed leading the show.

Interhouse Crosscountry Next Tuesday

After warming up for the past two weeks, the Tech cross country men will soon be at each other's throats, when the 1½ mile run this Tuesday opens the Interhouse cross country competition. A large turnout is expected for the Interhouse meets, with eight Frosh, and sixteen Varsity spikesters eligible. There will be three contests this year: a 1½, a 2, and a 2½ mile run. Three men from each house must finish each race for that house to qualify.

Intercollegiate

As for intercollegiate competition, relatively little is known. Redlands is expected to be as strong as ever, while strong competition is expected from Oxy, Pomona, and Whittier. Redlands won the conference last year, with Caltech a strong second.

Varsity Strong

According to Coach Carroll, Tech has a good chance of knocking Redlands out of the top spot this year. Most of last year's lettermen are back, while the team is further bolstered by last year's conference champion Frosh team.

The Frosh are also expected to have a strong team this year, with three men who have run better than five minute miles.

Roster

The roster of men out for Varsity cross country this year is as follows:

J. Abell, W. Basham, R. Bowman, D. Brown, R. Cobb, F. Corbato, R. Cornelius, W. Edwards, B. Houser, R. Kurland, W. Lansdown, D. Peterson, W.

(Continued on Page 6)

While the Poets will try to put on a real offensive game, the Beavers will depend on defensive play, hoping for the breaks to put them in scoring territory. Last week, a few breaks might have given them an opportunity to register a goal, one break which the Engineers received last week was no injuries. A definite relief to a squad which has suffered serious personal losses, about every time anyone threw a block.

While the outlook for the game is not bright on the Tech campus, everyone will see a real fighting, spirited ballclub take the field. In their last two encounters, the Beavers have taken a shellacking, but have drawn considerable admiration from the fans for their gameness.

Bass and Hibbard to Start

The Beavers will take the field led by Tex Bass and Don Hibbard, who should be well on their way to All-Conference slots again this year. They will receive strong support from huskies as Long, Marks, Darms, Carson, Blom, and Berner who all played good ball against the Sagehens. In the backfield Funk and Baker will handle the ball carrying end with the aid of Bill Silvies. High hopes are held that Chucker Norman may fill the other spot; news which should really build up local hopes. The starting team should show quite a bit of strength during the first half, but lack of depth will tell in the final minutes.

Everyone in the conference is loaded with material and experience, everyone but Caltech. But moreover, the Beaver club is packed full of spirit and fight and are a "tough outfit" as one opposing coach commented just recently.

Let's have a big crowd and fill up the stands Saturday and give (Continued on Page 6)

PIGSKIN PROGNOSTICATIONS

GAME	ATHLETIC DEPARTMENT	SPORTS STAFF
Oregon vs USC	Coach Anderson	Hal Musselman
Northwestern vs Michigan	Oregon 6	Oregon 3
Iowa vs Purdue	Northwestern 1	Michigan 13
SMU vs Rice	Purdue 6	Purdue 7
UCLA vs Stanford	SMU 7	SMU 7
	UCLA 6	UCLA 6
		UCLA 7
		Oregon 7
		Michigan 6
		Michigan 6
		Iowa 2
		Purdue 12
		SMU 21
		UCLA 13

a little

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DUPONT Digest

For Students of Science and Engineering

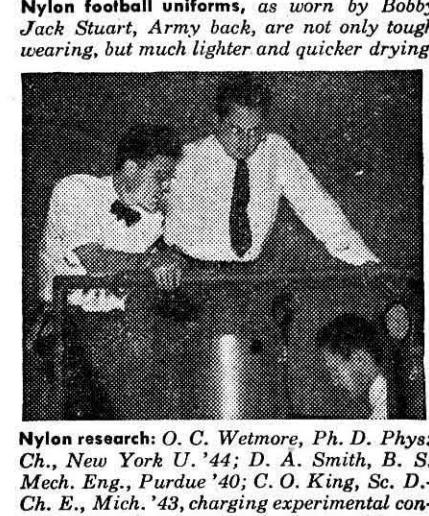
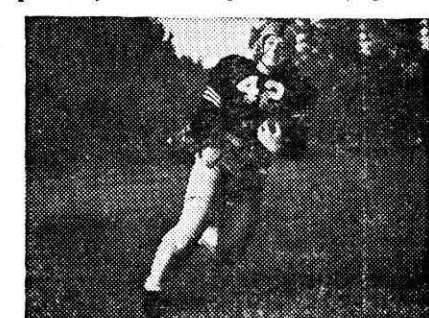
From tire cords to football pants

Do you know about nylon's other lives?

Here's a surprise for those who think of nylon mainly in terms of stockings and lingerie.

Nowadays, nylon fibers—twice as strong and half as heavy as the same size aluminum wire—are doing a variety of jobs, better than any previously known fiber. Off Labrador, men are harpooning whales with nylon lines. In a New England textile mill, abrasion-resistant nylon ropes now drive big "mule spinners" for periods ten times as long as other commercial materials, without a breakdown. Nylon fabrics are being used in everything from rugged automobile seat covers to delicately woven filter cloths.

In its plastic form, nylon is used to make everything from unbreakable dishes to hypodermic needles. As a monofilament, it goes into a variety



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"Du Pont Company and the College Graduate" is just off the press in a completely revised edition. Fully illustrated—describes opportunities in research, production, sales, and many other fields. Explains the plan of organization whereby individual ability is recognized and rewarded. Write for your copy today. Address: 2521 Nemours Building, Wilmington 98, Del.

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ALUMNI PLACEMENT

(Continued from Page 1) during which time the bank made loans for production of war materials totaling an aggregate of 4 million dollars. Now he is engaged in the lending activities of the bank in the industrial area of Los Angeles, is also a member of the Research Committee of the Los Angeles Chamber of Commerce, and is Western director of Robert Morris—a national organization of bank loan officers and associates. All these positions have given him an intimate contact with the industrial life and activities of Los Angeles, putting him in the position to make helpful comments on both large and small phases of industry.

The discussion will be concluded about 5:30 p.m. to enable Ricketts House to host Mr. Johnson at the evening meal. This will offer those who were unable to attend a chance to meet the speaker.

"Black Gold" Next

The speaker for October 27 has not yet been announced, but the subject is to be the Petroleum Industry. All engineers should be interested in this talk, since the oil companies are hiring all kinds of engineers at very decent wages. Unless otherwise noted in next week's Tech, the time and place will be the same as on the 20th.

Somewhere else in the Tech is the calendar of speeches which will follow these two. Thus a student can make plans to hear all those which interest him, including the one on the all important summer job situation, which appropriately enough, is last on the list, but early enough to help in securing employment for the "vacation" months.

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KNOLL**
Cleaners and
Laundry

BERLOU

MOTHSRAY protects
me for 5 YEARS!



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CLEANING
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Placement Lecture Series Program

20 October	Discussion of Opportunities in Large and Small Industries and Government
27 October	Petroleum Industry
3 November	Business Management
10 November	Aeronautics
17 November	Industrial Research
1 December	Construction
8 December	Sales
19 January	The Problem of Looking for a Job
26 January	Production and Manufacturing
2 February	Design Engineering
9 February	Non-Technical Requirements for Success
16 February	Teaching
23 February	Summer Jobs

FROSH SPORTS ROUNDUP

(Continued from Page 5) sidy, Dickinson, Katz, and Laff. At center, Garofola. Halfbacks, Davis, Fisher, Keir, Pallokokoff, and Paulson. At fullback, Keepes and Jones. At quarterback, Kramer, and Webber. With power backed with power, "Watch out, Whittier!"

With an offense sparked by a passing attack, we're bound to see a colorful beginning to the Frosh '48-'49 football season.

Water Polo

The Frosh water polo team at the present time is working out with the varsity mermen. A sincere request for all men interested in swimming has been issued to fill an under-manned Frosh water polo team.

At present we've seen several promising Freshmen. Pete Yeazell, Henry Keswick, Dave Koons

and Jess Weil are among those playing for the lil' Tech's. Games are to be sought with Oxy, UCLA, Loyola, and various J.C.s, depending largely on the Frosh turnout in the future.

But for now, we'll see you all at the debut of '52 classmen against Whittier this Saturday afternoon on the Paddock Field gridiron.

NEW SOCCER TEAM

(Continued from Page 5) newcomers and veterans alike. For further inducement, letters will be given to men who have qualified with enough playing time at the end of the season. Everyone's got a chance, very few experienced players such as Bennett, Houser, Madden, and Crighton are out; most slots will be filled by newcomers to the game.

Fleming Retains**Discobolus In
Volleyball Game**

The term's first Discobolus contest last Thursday saw the Fleming Volleyball team victors in a match with the challenging Blacker team. Two games were played resulting in scores of 15-11 and 15-4, and insuring the continued stay of the Discobolus on the Fleming mantel.

SCHUSSING

(Continued from Page 4) to deplete our treasury. So, please, if you know where a serviceable chair or some pots and pans are available, kindly let us know. We already have a beautiful new davenport to set in front of the fireplace.

In case you haven't joined the club yet, you can see the Shooze in Fleming, Blouke Carus in Ricketts, Jim Blom in Dabney, and Fred Drury in Blacker.

HELP TO STUDENTS

(Continued from Page 3) are having trouble with. From the number of cards on file Wes can pick out someone who is able to give you help at hours which are convenient to you.

They Suffered Too

Frosh are advised to take advantage of this offer before midterms roll around. This way you can obtain help from someone who has beat his way through the course already. | Parnes.

BEAVERS FALL

(Continued from Page 5) ers was responsible for the final tally, as Gschwind's pass to Burke was batted around the Tech secondary by two Hens.

Bass Punts

Manuel Bass did all the Tech punting, with 9 kicks and a 30 yard average per kick. In the fourth quarter Manuel punted 40 yards out of bounds on the Pomona 4 yard line. Chuck Norman returned to the lineup to help Bob Funk with the passing chores, and Tech's aerial attack should improve with the season.

Lineups:

POMONA	CALTECH
McFate	Carson
Macmillan	Bass
Lang	Marks
Ward	Blom
Farrand	Darms
Chandler	Long
McColl	Hibbard
Keogh	Schofield
Herberger	Baker
Collett	Funk
SCORE	Lewis
Calfach	
Pomona	

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7 0 13 6 26

CROSS COUNTRY

(Continued from Page 5) Sampson, J. M. Sellen, G. Shakespeare, R. Smyth, C. Steese, M. Walt, C. Anderson, J. Scantlin, L. Nobles, J. Montgomery, B. Cox, P. L. Armstrong, J. Walter, A. Beek, G. Sawyer, D. Asquith, B. Calhoun, H. Kamei, R. Lovberg, D. Oakley, W. Bradley, D. Madden, J. Brody, D. Neverman, and M. Carus.

The Frosh team includes: R. Connor, W. Pilkington, D. Kahrs, S. Butler, R. White, J. La Fleur, S. Rawn, B. Averie, and B. Parnes.

TALKIN' IT OVER

(Continued from Page 5) rights and a Pomona ball packer. If the kid only weighed about fifty more pounds he'd make an all-conference for sure. A big hand should also go to Don Baker who finished out the game with a cut up face that looked like one of the Sagehens had sharpened his claws.

Just got to take a stray honk at another Pomona alum, yes, you guessed it, my old pal Braven "Hen Head" Dyer. How can any man who calls himself a sportswriter cry for more subsidies for west coast football players out of one side of his mouth while condemning the east for "professionalism" in collegiate football and whistle "Fight on for Old SC"—all at the same time. Some one ought to get his story straight.

See ALL of you men out at the Whittier game Saturday night. It will be a winner if enough of us turn out to spark the team with a lot of fight and chatter coming from the stands.

FAVORED POETS HOSTS

(Continued from Page 5)	CALTECH
Whittier	Riverson
Ryerson	LE
Murdy	LT
McKinney	LG
Axelson	C
Payne	RG
Mars	RT
Kulzer	RE
Tucker	QB
Feary	RB
Beckner	FB
Reed	Norman

"Between takes of my new picture, THE LUCK OF THE IRISH, I enjoyed many CHESTERFIELDS. They're MILD... It's MY cigarette."

Tyrone Power

STARRING IN
THE LUCK OF THE IRISH
A 20TH CENTURY-FOX PRODUCTION

Kay Irene Johnson ABC GIRL of Ohio State says—

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