

## Beavers, Waves Clash In Closing Game Of Season

### Techmen Unruffled By Pep's Grid Record

Tomorrow night, at 8 p.m., the Caltech Beavers will officially close their 1946 book of football when they meet the powerful Pepperdine Waves of Los Angeles. Student leaders expressed the hope that Techmen will turn out en masse to cheer their team on in this grid gigantic. The game will be played under the arc lights of Centinela Field, at Inglewood High School. Information for those driving their own cars will be found elsewhere in the paper.

### Pepperdine Record

Although this is the first year that the Waves have ever fielded a football team, the results have been nothing short of sensational. Over three-quarters of the members of the team are freshmen, mostly stars with outstanding high school records. Leading the Pep boys will be Darwin Horn, a 200 lb. fullback who is now the second highest scorer in the country.

The Waves have dropped only one game so far this season, when Arizona State set them back by a score of 13-12. In other outings, the Waves have rolled over Whittier (13-0), Redlands (20-7), Loyola (21-6), Pomona (19-6), and the outside teams of Cal Poly and Humboldt State. Scouting reports show that the Waves do almost everything and do it well.

### Beavers Hopeful

The ominous reports have completely failed to ruffle Coach An-

Continued on Page 3

## Varsity Banquet To Be Held Dec. 9

Coincident with the shifting of Caltech's intercollegiate athletic program into high gear, one of the Institute's most important "traditionals"—the Varsity Banquet—is being revived.

This year's event—first since the return to "normal"—will be held Monday evening, December 9, at 6:30, at the Brookside Golf and Country Club, where Tech athletes and fellow travelers will attack a steak dinner. Cost of the dinner is \$1.75.

All Techmen, whether holders of Varsity letters or not, are invited. The program will feature outstanding men in athletics and league coaches as well as Tech mentors.

Tickets may be purchased from members of the Varsity Club.

## Arcadia Farm Homes Nearly Completed For First Group

### Occupants Selected For Three of Four Units

With the selection of the occupants of three of the four units, and the completion of the first unit, with the exception of furnishings, the Arcadia Farm Housing Project nears completion.

The first unit should be ready for occupancy during the end of this month and will be occupied by the following students and their families: J. Baird, R. Clayton, R. Davies, W. Eatherly, R. Edwards, R. Ilfeld, G. Martinek, C. McDougall, K. Retherford, H. Rice, W. Taylor, T. Vail, and J. Wiggs. They will account for 13 of the 14 apartments, the other apartment being occupied by a manager who will be employed by the Institute to supervise the four units in the project.

### Rent for \$45 a Month

Each unit will consist of 6 apartments up, six down, and two singles on wings attached to the main building. Each apartment has a combination living-dining room, kitchenette, bath, and bedroom, and is furnished with a study table, living room chairs, kitchenette table and chairs, stove, ice box, chest of drawers, and double bed with springs and mattress. The cost of each apartment will be under \$45 a month and this will include all utilities.

### Ten Minutes From Caltech

The project is located on Caltech's Arcadia Farm at the east end of Emperor Ave., a block and a half east of Rosemead Blvd. Though there is no commercial transportation from the Housing Project to school, the students should have little trouble organizing a car pool for the ten-minute ride to the campus. The three remaining units should be completed by Christmas, the main bottleneck being fixtures and furniture.

### CALIF. NATIONAL GUARD

In exchange for one evening drill period per week and 15 days of training in the field in the summer, you may earn, as a private, \$157, or \$346 as a master sergeant with the California National Guard. You may also be enlisted or commissioned in the last grade held in World War II. See the recruiting officer at the Armory, 145 N. Raymond Ave., Pasadena, or telephone 223rd Infantry Headquarters at SYcamore 3-0876.

### Dinner Postponed

The Throop Club dinner-dance, originally planned for tonight, has been postponed indefinitely because of conflicting schedules.

glewood, 8 p.m. Everyone be sure to come.

**Sunday, November 24—**  
Dabney House Associate Tea in Dabney House, 2 p.m.

**Monday, November 25—**  
Lecture by Dr. Cecil Dunn of Occidental College on "U.S. Policy and World Prosperity," in 119 Kerckhoff, 7:30 p.m.

Consolidated Engineering Societies Meeting in 201 Bridge, 4 p.m. Speaker, Dr. DuBridge on "Radar Techniques."

**Thursday, November 28—** .....  
**Thanksgiving Vacation Begins**

## WSSF Campaign Draws To Close

### Faculty And Students Give Generous Support

By Thursday morning more than half the quota for the WSSF drive had been collected on campus.

### Student Houses in Close Race

The drive competition was off to a very fast start with all the student houses in a close race for top returns. Some have already gone over the mark of \$1.30 per man.

The results are so close at present that no indication can be made of the contest winner.

### Faculty Co-operative

Members of the faculty have been extremely co-operative and generous in support of the drive. Having studied overseas, many members of the faculty are keenly aware of the great needs of students throughout the world.

### One Way for All to Help

The World Student Service Fund is one way in which students and faculty of American schools may help the students and faculty in war-torn nations throughout the world.

The money obtained from the drive is sent to the distributing agency in Geneva, Switzerland, where in turn it is disseminated to the student communities.

### Goal Not Yet Reached

Although many have given generously, the Caltech quota has not yet been reached. The cause is worthwhile; the need is great. Donations are still being accepted by Throop Club and the YMCA.

## Oxy Prof. Presents US World Policies

### Cecil Dunn Concludes "Y" World Forum Series

Dr. Cecil L. Dunn, Professor of Economics at Occidental College, will conduct the last of the Monday Evening World Forums in 119 Kerckhoff, Monday, Nov. 25, at 7:30 p.m. His subject is "U.S. Policies in World Prosperity."

A native of California and a graduate of USC, Dr. Dunn is well known in the field of economics here.

### Starts as Engineer

Dr. Dunn started his education with full intention of be-



Dr. Cecil L. Dunn

coming an engineer, but at USC he was diverted to sociology and finally economics. His interest in the sciences was not abandoned, though, and has added the practical touch to his treatment of economics.

## Sophs Muddle Frosh; Dance in Dabney Tonight

### Freshmen Defeated 3-2 in Annual Classic

With superior organization and carefully planned strategy the Sophs got off to an early lead in yesterday's Rodeo.

The first titanic event was the tug-of-war. The Soph team, cheered on by their classmates, pulled the Frosh team through the pit of slushy mud.

Undaunted, the Frosh came back to win the next event, the sack race. They won this event by a full lap, losing the Sophs in the ooze.

### Mudeo Event

The third event of the day was the Mudeo. Five teams from each side began the contest. At the end of fifteen minutes, two Frosh and two Soph teams were still standing. They were given a short rest after which they went at one another again. After a hard fought battle, with the judges being loudly booed, the Soph teams consisting of Bob Pilling with Chuck Knight and Dick Morgan with Bob Bible managed to down the Frosh teams of Ralph Stone with Don Smathers, and Verne Edwards with Bruce Robinson.

### Sophs Cinch Victory

The two man wheelbarrow teams peddled and splashed their way through the slime for the fourth event. The Sophs swam ahead to win this event and cinch the Rodeo with many a mouthful of Tournament Park mud swallowed during the race.

The last event, the tire race, saw Frosh, Sophs and tires wallowing in the mud together. The Frosh won this event by capturing most of the very elusive tires.

### Judges Get Rewarded

The judges being a little slow on the getaway were captured and unceremoniously rubbed into the muddiest part of the arena. Not satisfied with a few helpless judges, other victims were found and dunked, including ASB prexy Lang Hedrick.

## Pepperdine, Tech Exchange Talent

### Students Entertained At Friday Assemblies

Surprising as it may seem, to-Caltech students presented an assembly at Pepperdine. It was held in the gym right after the daily chapel service. The ambitious included Bill Muehlberger, pianist, Hugh Carter, crooner, and Dave Metzlar, songster de luxe. Retaliation followed at 11 o'clock on our own campus with a snappy sextette from Pepperdine.

The problem of exchange assemblies is a difficult one to tackle. Other schools want to see something in return for sending their talent. If you have any talents to exhibit, please communicate with a member of the Board of Directors.

## Song Contest Ends; Results Known Soon

The recently conducted School Song drive has come to a successful end. By the day of the deadline five new tunes were handed in. The hopeful prospects are: Art Seiden, George Austin, co-authors Chuck Auerbach and Rex Stewart, and Jack Ottestad. Dean Stong of PJC is at present looking over these songs, and very shortly he, together with a few others, will announce the lucky winners.

## Dr. DuBridge To Speak On Radar

### Engineering Societies Meet Mon., Nov. 25, 4 P. M.

A meeting of Caltech's Consolidated Engineering Societies will be held next Monday, November 25, at 4 p.m. in 201 Bridge. The program will feature Dr. Lee A. DuBridge speaking on a subject which he knows expertly, "Radar Techniques." Dr. DuBridge, as has been indicated, was wartime director of the Radiation Laboratory at M.I.T., supervising war radar development.

This lecture is sponsored by the combined AIEE-IRE societies.

### All Students Invited

It is emphasized that all students—freshmen or seniors, EE's or biologists—are invited to attend this and other meetings of the Consolidated Engineering Societies.

### Meetings of General Interest

The topics of discussion at all meetings will be of general interest and will not concern specialized, technical aspects of any subject. An attempt will be made to convey to students a more precise idea of what the different fields of engineering have to offer, and to give them an insight of the aims and principles of the various phases of the engineering profession.

Besides the regular meetings to be held on the campus, field trips to scenes of applied engineering are being planned.

## USC, UCLA Bow To Debate Team

### Beavers Shine In First Major Skirmish at CJC

Last week Caltech's Debate Team invaded Compton Junior College for a practice debate tournament with 25 schools and colleges from Southern California.

Dr. John A. Schutz, History Instructor and debate coach, tells us that the seven Tech teams entered "cleaned house," winning 60 to 70 per cent of the contests. Bowing to superior forensics were UCLA, USC, Redlands, Pepperdine and many others.

Irving Sulmeyer lead his team to win after win; then placed high in the individual contests for extemporaneous and impromptu speeches.

### Revive Pi Kappa Delta

The Pi Kappa Delta, honorary speech fraternity, granted Caltech a charter in 1921, and for twenty years nomination to it represented one of the higher campus honors. Now, after a lapse of a few years, it springs back to life next week with the debating team as its nucleus. Irving Sulmeyer and Bernard Shore are presidents-elect.

## CAMPUS CALENDAR

### Friday, November 22—

Lecture by Prof. J. F. Bonner on "The Development of New Sources of Natural Rubber," in 201 Bridge, 7:30 p.m.

Fleming-Oxy Exchange Dance, 8 p.m.

Frosh-Soph Dance in Dabney Lounge, 9 p.m.

Dabney-Ricketts Barn Dance at Mountain Oaks Resort, 9 p.m.

### Saturday, November 23—

Caltech vs. Pepperdine at In-

# The California Tech

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

CALIFORNIA INSTITUTE OF TECHNOLOGY  
1201 East California Street, Pasadena, California

Subscription rates: \$1.50 per year.

Entered as second-class matter June, 1913, at the Post Office in Pasadena, California, under the Act of March 3, 1879.

Offices: Lower Fleming Telephone: SYcamore 6-7121 Ext. 180  
Distributor of Collegiate Digest

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## Significance Of The Honor System

It was brought to the attention of the board of directors, at their last meeting, that several instances of books and personal belongings being stolen off the campus have been reported. It is possible these thefts were committed by strangers on the campus but it is the purpose of this editorial to bring to the attention of Caltech students the full significance of our 30-year-old honor system.

The honor system not only applies to the conduct of students during examinations but also to every phase of students' relations with each other and with the faculty and to the students' attitude toward the protection of school property and personal belongings.

Few universities have had such success with honor systems as Caltech has had in the past. It is even more essential that, in these days of overcrowding, the honor code be upheld by each student as the prime motive of his behavior.

In the interest of the student body and the institution as a whole, we urge each student first, to conduct himself according to the principles of the honor system and, second, to dutifully report any violation of the code to the board of directors. —D.B.M.

## Writers! Vets! You Can Win \$500!

The magazine "New Republic" announces in its latest number a short story contest for war veterans now in college.

Purpose of the contest, as stated in the magazine, is to "help discover fresh, authentic voices among veterans of the recent war who are now attending colleges or other institutions of higher learning."

### First Prize \$500

Thirty-seven prizes are offered. First prize is \$500, second prize \$250, five additional prizes are each \$50. In addition, thirty subscriptions to the "New Republic" will be given. All stories published will be paid for at the magazine's regular rate.

### Women, Grads Eligible

The only restrictions as to eligibility announced are that entrants must be veterans of the last war (male or female) and have at least enrolled Freshman standing. All types of graduate students are included. No proof of status will be required at the time manuscripts are submitted, but successful contestants must be prepared to prove that at the time of submission they were attending college under the GI Bill.

### Contest to Close January 31

The contest will open December 1, 1946, and closes January 31, 1947. Entries must be post-marked before the latter date.

Any subject may be chosen; maximum length is 1800 words. Manuscripts should be typed on one side of the paper and sent, with the name and address of the author included, to "Short Story Contest, the New Republic, 40 East 49th St., N.Y. 17, N.Y."

Further information may be obtained from the November 4, 1946, edition of "New Republic."

### Library Hours

The hours during which the General Library will be open, as published last week, are incorrect. The library is open from 8 a.m. to 10 p.m. week days and from 8:30 a.m. to 5 p.m. Saturdays.

# THE SQUARES' CIRCLE

Dear Editor:

Since the beginning of the year a lack of co-operation on the part of the student body with the student leaders has been very apparent. To cite an example: of the 400 students living in the student houses, your First Rep was only able to secure the assistance of 7 men to prepare the decorations for the recent ASB semi-formal dance. The work of 25 men was done by 7.

Student leaders are elected to office to guide the school in all its activities but it is an impossible task for these few students, less than 10 per cent of the student body, to do all that is necessary in the operation of this corporation without the co-operation of the students as a whole. The ASB is built upon democratic principles. For a democracy to be successful, each individual must do his share.

It is inherent in the student to be proud of his school and of the activities entered into by that school. If the men of Tech are to be thusly proud, then I urge them to get off the dime and help when help is needed. If not, Tech's reputation is surely due for a bad slump.

R. P. BARRACLOUGH,  
1st Rep., A.S.B.

## Students Tour Southland Industry

Concluding Article

### United States Rubber

The largest of the industries visited was United States Rubber in East L.A. The chief products are tires, of which this plant produces a large percentage of those used on the West Coast. Upon arriving at this plant the students were first given a series of short talks by executives who pointed out some of the major problems facing their industry; the need for a higher labor productivity was stressed. Next the students were organized into groups of six and conducted through the vast production lines. These included the processing departments which work the crude rubber sheets into the plastic rubber which is applied to rayon fabric for tire foundation; the tire foundation section in which the rubberized rayon sheets are formed to hollow toroids; and finally the baking shop where these toroids are cooked in great waffle-iron-like ovens to give the tire its lasting shape.

### O'Keefe and Merritt

O'Keefe and Merritt are today chiefly engaged in the production of stoves. During the war they produced, among other things, 15KW electric generators for the armed services. In stove production they start from sheet steel, iron pigs and brass to turn out stoves on a production line one-half mile long. A 1500 deg.F. oven bakes the enamel on the stove's surfaces.

President O'Keefe pointed out that his organization is facing: (a) an acute steel shortage; (b) an inefficient labor turnover of some 60 men per week.

### The Catalina Corporation

Tour students were disappointed in not seeing luscious blonds modeling the latest beach minima at Catalina's bathing suit and clothing plant. However, they were interested in the remarkable textile machines which turn out everything from \$50 knit bathing suits to intricate \$10 ski sweaters in a few minutes.

—John Bauer.

## Items Of Interest For Caltech Vets

### Reinstate N.S.L.I. Now

Is your National Service Life Insurance paid up to date? Do you, that have let your policies lapse, know that by paying only two months' premium, one for the month of lapse (grace period,) and one for the current month, you can apply for reinstatement of your insurance (without a physical examination provided your health is as good as when the policy was dropped?)

This can be done until the first of February, next year. After reinstatement, or if you have kept your premiums paid up, there are several desirable policies you may select in converting your N.S.L.I. policy such as 20 payment life, 30 payment life, and endowment.

### Pay Insurance With Terminal Leave Bonds

Many of you are expecting, or have received your Armed Forces Terminal Leave Bonds. They can be turned in for payment of premiums, or for reinstatement of N.S.L.I. This may be done at any of the VA branch offices, or you may send the bonds direct to the N.S.L.I. office in New York City.

### See the VA Training Officer

Mr. Moroney, the VA training officer, requests that all students training under Public Law 346 see him within the next 10 days. Bring your "C" number. He will be in 309 Dabney from 8:30 to 3:30 on Wednesdays and from 8:30 to 11:30 on other days.

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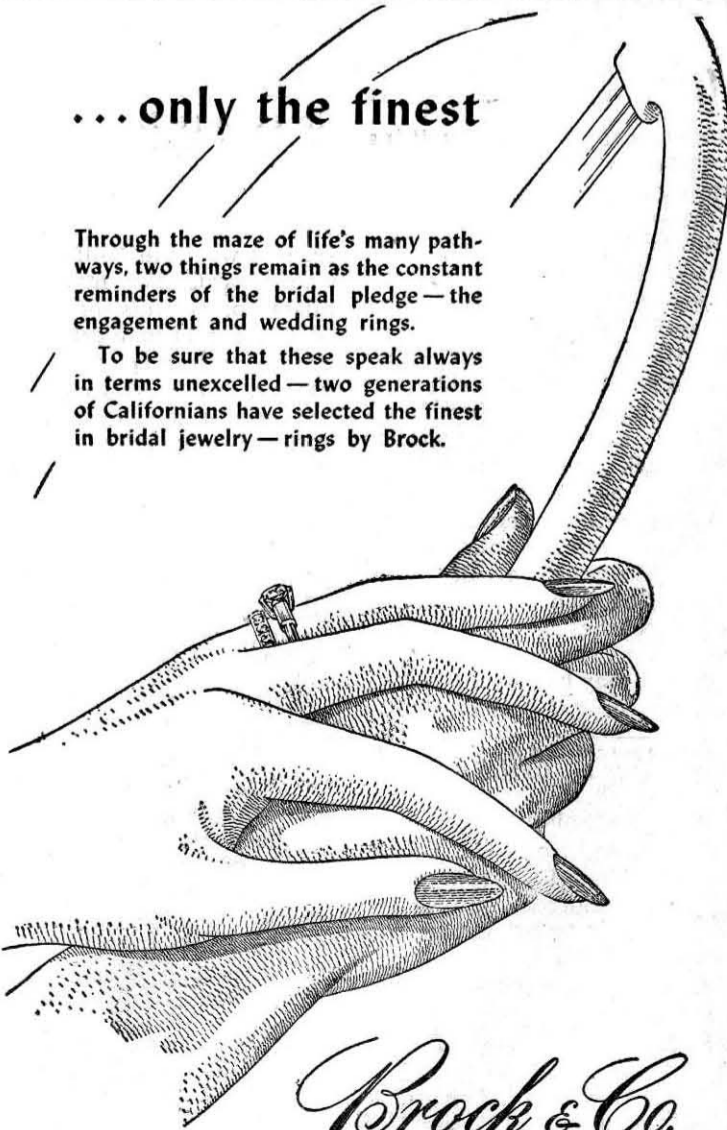
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Homecoming at Eastern Illinois State Teachers College got more than its share of publicity when Jahala Foote designed this hat showing highlights of the event. Represented are the homecoming queen, her attendants, the drum majorettes, a bier for Normal University and folk-lore singer Burl Ives with his "blue-tail" fly.



Holder of four degrees from Harvard and Chicago and youngest man of Colgate University's 106-man faculty, Dr. A. Peter Ruderman, 22, is shown here teaching an economics class. Of his 118 students about half are older than Dr. Ruderman.

## Irish Told, "Go to Blazes!"

Anywhere else in the United States "go to blazes" could be justifiably construed as a left-handed remark, but at Notre Dame it means the local fire house. For here is one of the few college-owned and operated fire fighting organizations in the country.

It got its start in 1939 when the state fire marshal pointed out to Brother Borromeo the many fire hazards that were otherwise invisible to the average person. He found himself a deputy marshal in charge of fire prevention and fighting.

The Brothers who man the fire station are on call 24 hours a day whether working in other departments on campus, eating or sleeping. At left one of the Brothers comes down the pole in best professional style.

Photo by Evans

# PARTIES ADD TO NATURAL BEAUTY

Fall is festival time on college campuses throughout the country. Costume parties, homecomings and class reunions add more color to the natural beauty already surrounding the campus. On this page you will find this scene in words and pictures . . . a homecoming bonfire in Alabama . . . a cornhusking bee in Texas . . . a freshman frolic in Rhode Island. North, South, East or West the picture is the same.



Gingham and patches, bonnets and wigs, straw hats and mascara wrinkles played a convincing part in the rural costume party at Texas State College for Women at Denton. With 66 ears in two minutes Dorothy Goebels and Louise Crane defeated 2,600 other girls in the ninth annual Huskin' Bee.



That old school spirit comes to life as the cheering squad at Alabama State College for Women gets the gang together around an open fire for "College Night."

## Rhode Island Frosh Frolic

Freshmen at Rhode Island State College must spend one day a year entertaining upperclass members. Costumes vary from fashions to fads as each frosh tries to surpass her classmates. Above a lovely coed struts her stuff in a sleek raven velvet. At right the mood is more fun than fashion and ranges from bags to black face. But no matter how exciting the event, there is always time for refreshments.





### FLYING FAMILY

Attractive 18-year-old Nancy Spencer, Pennsylvania State College sophomore, got off to a flying start with several solo flight hours to her credit and is scheduled to receive her license soon. Not to be outdone by his daughter, Herbert L. Spencer, president of Bucknell University, started taking lessons in his Piper Cub. He now makes his business trips by air whenever possible.



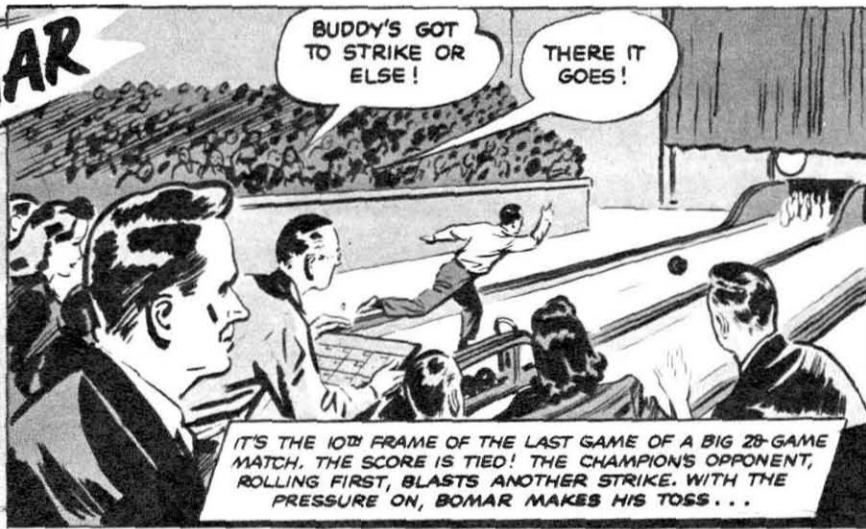
The question, "Will he make that kick?" stands out on the faces of gridders and coach alike as members of the Southeast Missouri State College football team of Cape Girardeau wait for the ever important point after touchdown.



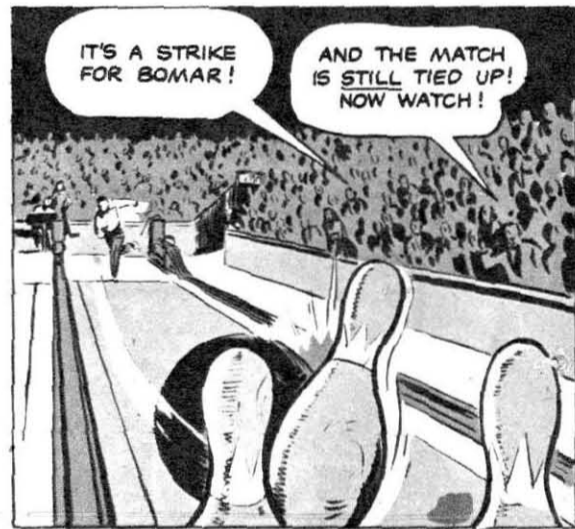
When a caravan of 150 students from New York arrived by train at Florida Southern College, Lakeland, President Ludd M. Spivey was on hand in best Southern fashion to meet the group. He is shown greeting Beverly Raynor of Manhasseat, N. Y.

## WATCH CHAMPION BUDDY BOMAR

### BOWLING IN THE CLUTCH



BUDDY'S GOT TO STRIKE OR ELSE! THERE IT GOES!  
IT'S THE 10TH FRAME OF THE LAST GAME OF A BIG 28-GAME MATCH. THE SCORE IS TIED! THE CHAMPION'S OPPONENT, ROLLING FIRST, BLASTS ANOTHER STRIKE. WITH THE PRESSURE ON, BOMAR MAKES HIS TOSS...



IT'S A STRIKE FOR BOMAR! AND THE MATCH IS STILL TIED UP! NOW WATCH!

R. J. Reynolds Tobacco Company, Winston-Salem, North Carolina



THE CHAMPION'S OPPONENT ROLLS AGAIN. NINE PINS GO DOWN—AND HE PICKS UP A SPARE! AGAIN THE PRESSURE IS ON BOMAR.

BLAST 'EM, BUDDY!



ANOTHER STRIKE! AND THE WINNER IS BUDDY BOMAR!  
MAN, THAT'S WHAT I CALL COMING THROUGH IN THE CLUTCH!



JUST A FEW PUFFS OF THIS CAMEL FIRST, BOYS—UM-M—HITS THE SPOT!  
BUDDY'S A CAMEL FAN FROM WAY BACK  
ME TOO. CAMELS ARE TOPS

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Buddy Bomar

I'VE SMOKED CAMELS FOR NINE YEARS THEY SUIT MY 'T-ZONE' TO A 'T'. THERE'S JUST NOTHING LIKE A CAMEL!

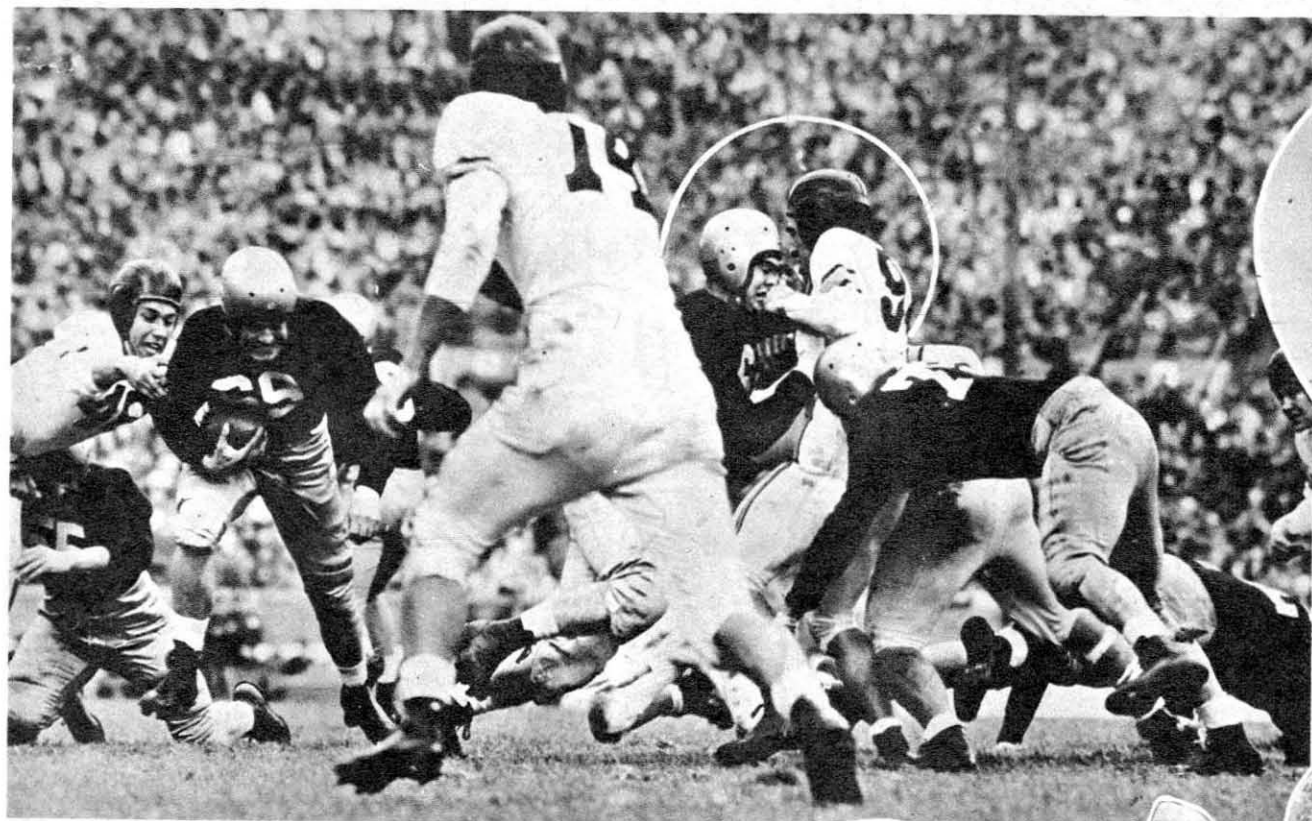
YOUR "T-ZONE" WILL TELL YOU... T for Taste... T for Throat... that's your proving ground for any cigarette. See if Camels don't suit your "T-Zone" to a "T."



COSTLIER TOBACCOS

# CAMELS





It's the Irish vs. the Boilermakers in a rough line play in the second period of a game that ended in a 49-6 win for Notre Dame. More than 55,450 spectators saw the Irish score easily in each period, but such plays as this made the game a thriller. Here, Corwin Clatt, Notre Dame back, goes through the Purdue line for three yards. Note (in circle) the upper-cut as it connects.

Acme

**BELOW** Three nursing students at Skidmore College take the pulse of Marvin Brown, a member of the women's school's first football team. The squad is composed of 22 of Skidmore's 44 freshman war veterans.

Acme



Ed and Marjorie Kelley happily read of an \$800 gift presented by friends when the young couple's trailer home on Marietta (Ohio) College campus burned. Candy, their dog, and sole surviving possession, shows appreciation.

Photo by White



## Everybirdy's Doing It!

**Tweet, tweet! Just the other day, we heard a birdie say . . . so goes the popular refrain. This little birdie is, for a change, looking at you and saying that the Collegiate Digest wants pictures of college interest. Win recognition for your school and money for yourself by sending one or a series of pictures to Collegiate Digest, 18 Journalism Building, University of Minnesota, Minneapolis 14, Minnesota. Three dollars is paid for each photo used. Be a wise old bird and include complete information and identification with your entry; give everyone included a name and include name and location of the school. Photos will be returned only if adequate postage accompanies entries.**



**Collegiate Digest**  
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Publication Office: 18 Journalism Building, University of Minnesota, Minneapolis 14, Minnesota

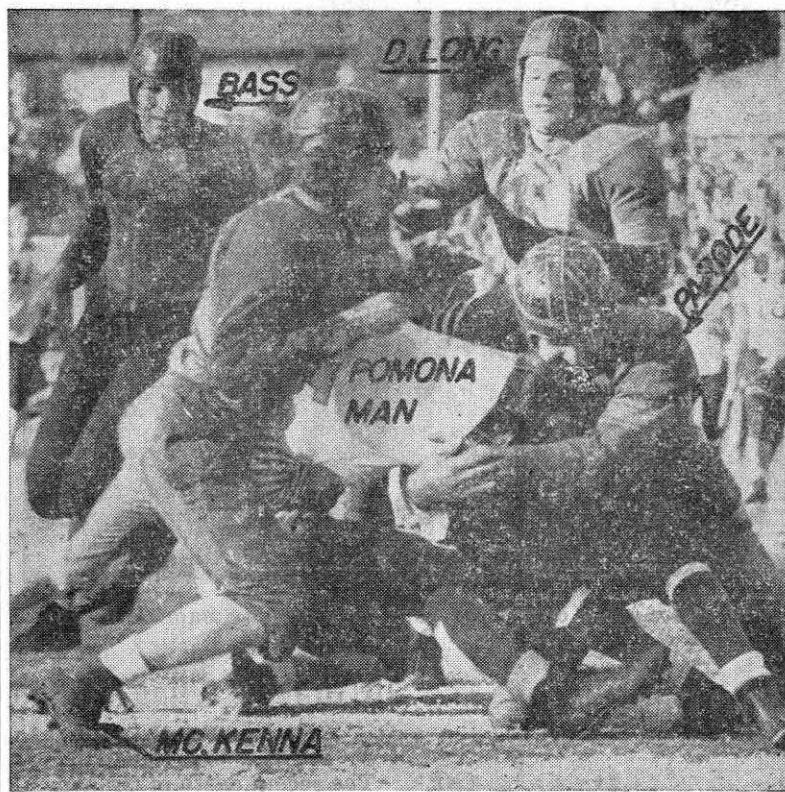
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# Beavers To Gnaw At Inglewood; Hope To Dam Wave Attack

**Big Crowd Expected For Season Finale**

Continued from Page 1  
 person and the Beavers, however. The Techmen have been working until late into the night to fashion some surprises for the Waves. It is hoped that the last game of the year will see the return of Fullback Doug MacLean, who has been nursing an injured shoulder for the past few weeks. During the week, practice has been devoted to the sharpening of the Tech passing attack, which hit a few snags last Saturday, and ball handling on the ground to prevent costly fumbles. Time was also spent on defensive work against the Wave formations, with the Freshman team lining up the plays.



Nobody was fooled on this one! Five Tech defensemen halt Sagehen back on end sweep

## PROBABLE STARTING LINE-UPS

Caltech	Pepperdine
Parode	L.E.R. Stilwell
D. Long	L.T.R. Quine
N. Long	L.G.R. Kiapos
McKenna	C. Williams
Dahm	R.G.L. Strom
Walquist	R.T.L. Kenworthy
Hibbard	R.E.L. Downey
Winters	Q. Noonan
Clark	R.H.L. Drager
Chaffee	L.H.R. Bell
Muehlberger	F. Horn

## Road To Game

Go south on Arroyo Seco continuing onto Figueroa through Los Angeles. Turn right on Manchester (about 8600 south) and thence west to the center of Inglewood. The High School is adjacent to Manchester near the center of Inglewood.

### NOTICE TO SENIORS

Orders for class rings will be taken by Rex Stewart, 33-34 Dabney. They should be placed as soon as possible since the time for delivery will be about five months.



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## Forty Greet Shy As Cage Practice Opens

**Beavers Meet Muir Tuesday; JVs Practice at McKinley**

With the first contest of the season scheduled for Tuesday, Beaver Casaba Coach Carl Shy found his work cut out for him this week as he began selection of the 1946 Caltech Varsity Basketball team from a group of 40 hopefuls.

The large turnout at last Monday's first practice session and subsequent workouts makes possible the formation of a JV squad in addition to the Varsity.

Tuesday's practice encounter pits the Beavers against the Muir JC hoopsters. Both teams will enter the contest as unknown quantities, with the Muir outfit holding the advantage of a completed pre-season routine.

### Team Shows Promise

The few sessions held so far have brought to light a great deal of talent—in varying degrees of condition—in addition to a great team spirit, which has always been a characteristic of Coach Shy's teams.

## Tech Re-Swamped By Bruins, 14-3

Caltech's water polo team took on the Uclan squad in the PJC pool last Tuesday and got drowned for their efforts, 14 to 3. In a last-quarter rally the Techmen scored once while holding the Bruins scoreless.

Waters, Palmer and Dixon were the leading scorers for Tech, getting one tally each, while Willson, Murphy and Hall made some good tries.

Jim Cozens, the Bruin star, accomplished the phenomenal feat of scoring 8 goals in 9 tries, setting some sort of a record, to this writer's knowledge.

## Skiers Enjoy Big Weekend In Snow

Tech skiers had a terrific time last week-end, experiencing the joys of both the Snow Valley and Mt. Waterman areas.

Over 30 people used the facilities of the Ski Club's hut at Snow Valley, 22 of them staying over Saturday night and enjoying a meal cooked by Mrs. Larry Brundred.

About three feet of snow was found at Snow Valley, while 4 to 5 feet were discovered at Waterman. Besides that, the weather

# Techmen Flounder As Pomona Runs Wild; Rally Fails To Close Lead

## Sagehens Capitalize On Beavers' Hard Luck To Roll Up 32-14 Score

Taking advantage of innumerable first period breaks, the Pomona Sagehens turned back a hard-luck Beaver eleven, 32-14, last Saturday afternoon on the victor's Alumni Field. From the Tech viewpoint, everything went wrong in the first quarter and it was well into the second period before Coach Mason Anderson's men could put together a touchdown drive.

### Sagehens Roll

Pomona opened the scoring when Left Half Kobe Shoji ran right by the entire Beaver team for an 86-yard touchdown romp on an off-tackle drive. The Hens tallied twice again in the first; once on a short drive after the recovery of a fumble deep in

Tech territory, and again when Ed Malan, Hen center, intercepted a Beaver pass, and lateraled to John Jaqua, who raced 70 yards for the score.

### Beavers Back in Game

Tech got back into the ballgame late in the first half, with Chaffee, Clark, Stringer and Muehlberger working the ball down to the Pomona 20. At this point Stringer evaded the entire Hen line and finally passed to Lowell Parode, who was clear in the end zone for the score.

### Second Half

The Hens scored again in both the third and fourth quarters, as the size of the Pomona reserves began to tell. Taking the ball on the kickoff, the Sagehens drove 60 yards on the ground for their third-period score and went over when Shoji bounced around his own left end.

The Beavers continued their epidemic of fumbles throughout the second half, but finally set out on another touchdown march which ended with Loren Stringer going over from the Pomona two-yard line. Art Viewig had a perfect day, making both of the Beaver conversions. Casualty for the Beavers was the loss of Norm Lee, who suffered a slight concussion and probably will not play against Pepperdine.

## Sports Here 'n There

### Pepperdine Tomorrow

Our game tomorrow night will give the student body a chance to see a team which has won national acclaim in a very short time. This is the first year the Wave has put out a football team, but so far things have always broken for their success. Many Techmen will remember the 1945 Wave basketball team, which went to the national playoffs and was rated by many as the nation's best cagers. These same men will also remember that Caltech handed them a stunning upset on the Armory floor. Whether or not this Tech "jinx" will hold in football remains to be seen, but it is certain the Beavers will be in there giving their all. Strong student support will lend them a hand.

### The League Race

As an outcome of the Pomona game last week, the Beavers lost their chance of winding up in a second-place tie, but will probably end up in third place, just a little ahead of Oxy in the standings. The Oxy-Pomona game, always a wild affair, is scheduled for tomorrow afternoon on the Tiger field.

was excellent.

Anyone interested in transportation to the mountains this week-end should check the Ski Club bulletin board in Lower Throop.

### FOOTBALL PREDICTIONS

Game	Goldsworthy	Anderson	Musselman	Nerrie	Kilroy
Cal.-Stan.	Tie	Stan. 6	Stan. 7	Stan. 7	Stan. 1
UCLA-USC	UCLA 7	UCLA 7	UCLA 14	UCLA 6	UCLA 13
Ore. U.-Ore. St.	Ore. U. 13	Ore. St. 1	Ore. U. 1	Ore. U. 13	Ore. U. 6
Ill.-N'wstrn.	Ill. 13	N'wstrn. 6	Ill. 6	Ill. 6	Ill. 12
Mich.-Ohio St.	Mich. 6	Mich. 7	Ohio St. 6	Mich. 7	Mich. 13
N. Dame-Tulane	N. Dame 20	N. Dame 20	N. Dame 20	N. Dame 27	N. Dame 21

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**Campus Brewins**

Notorious Lawson Jones, ex-Ricketts man, gave a rip-roaring Rowdy reunion at his home in Hollywood recently. Present were Bill Shippee, Jeff Williamson, Don Granicher, Paul Howard, Alex Holzer, Stu Butler and their dates. Refreshments flowed freely and from all reports it was a brawl to end brawls.

**Champion Guzzler**

Max Panzer is accepting challenges from all comers in the beer drinking field. He has been officially timed at 2.2 seconds for a 10 oz. glass.

When is Chuck Forester going back to the Waldorf Cellar (fashionable rendezvous at 6th and Main) to see Marie? We hear she is off every Monday night.

**New Record Capacity**

Thursday noon after a full lunch Big Bill Muehlberger ate 22 vanilla ice creams in 23 min. 35 sec. with only 2 short time-outs.

**Who's Confused?**

I wonder if Bill Bradley has figured out why his date at Clark last week had to have those six Claremont men around.

**Co-eds Invade Ricketts**

I couldn't get much specific information about the Ricketts exchange with UCLA but the adjective generally applied to the girls by the Rowdies was "satisfying."

**ASB Dance**

The balcony with the beautiful view of the city was vying for popularity with the smooth music of La Verne Boyer—Carlos Navarro was looking sharp in the uniform of a Lieutenant of the Peruvian Air Force—Not quite so impressive were Jim

**"Russia No Threat At Present"—Vieg**

**"Demonstrate Democracy's Superiority To World!"**

"The best way to worry about Russia is to make Democracy work in the United States. If, though we have all the resources and odds in our favor, we undergo a depression with mass unemployment, we will have shown that we cannot guarantee our citizens security or well being. Democracy will be discredited in the world's eyes and we will be fertile soil for the seeds of Communism and Fascism. Of the two, the latter is more to be feared."

These were the words of Dr. J. A. Vieg to the YMCA "Threats to World Peace" forum last Monday night.

**Little to Worry About at Present**

"We should not judge the future by Russia's present strength but right now we have more wealth and power than they, so should walk the earth like men, not holding our heads and stopping at every block wondering if we'll make the corner."

Dr. Vieg, after tracing the history of Russia, said he takes seriously the promise of a happier, freer life embodied in the 1936 constitution. "The revolution was launched on the promise of freedom, and has to make good," he stated.

"As for future developments," Dr. Vieg concluded, "England's combination of Democracy and Socialism illustrates that the two elements are not necessarily inimical."

Drake and Yates Hickey posing as Army and Navy fly boys—Bob Stokely claims he was too, too embarrassed when the Scripps girls sang "Happy Birthday to You" for him at dinner—Did Barry Schuyler, Bill Boutelle and dates drive to La Jolla after the dance as planned?



ASB dance-goers crowd the floor for a dreamy number by the La Verne Boyer orchestra

**Musical Baedeker**

Only a few weeks ago I mentioned that all was not well with the band of Harry James. James has always played his version of schmaltz with the money angle in view; he cannot be blamed for that. He has always attempted to play what he believed the public liked best; he certainly cannot be blamed for that.

The Music Makers fed the public what it wanted, but their leader failed to realize that the public also wants a band that keeps up with the times. James' crew was not flexible enough; year after year the band played the same old stuff, and the best musicians and their ideas were kept in the background; consequently, people got tired of Harry James. During its recent engagement at the Meadowbrook in Culver City, the band brought box office receipts to an all-year low.

James had the choice of getting on the ball or quitting. Apparently he has decided to retire to his horses and Grable, for trade tattle has it that he will disband in a few days. The same fate now awaits another stagnant big-name band—that of Benny Goodman.

**Tuckers in Town**

The best bets for dancing around town are the bands of Bob Crosby at the Avadon and Vido Musso at the Meadowbrook. Crosby has dropped his exciting Dixie books and is sticking to straight dance music. Musso, the tenor saxist who created quite a furore as a sideman in the bands of Benny Goodman and Stan Kenton, has a new swing outfit, the popularity of which is yet to be determined. For those who like a tick in their beat, there is the choice of Orrin Tucker at the Casino Gardens or Tommy Tucker at the Palladium. The musical event to watch out for, however, is the opening by Count Basie at the Avadon on December 10th. Frank Valle-Riestra.

**Dr. Graham Laing's Death Great Loss To Institute**

The recent death of Graham A. Laing, professor of economics, sociology, and business administration at Caltech, will be keenly felt by undergraduate and graduate students alike.

During the twenty-five years Dr. Laing had been with the Institute, his personal charm contributed greatly to his bringing to the Institute the humanistic approach to economic and social problems. Many students will remember him for the unique weekly seminar which he held in his own home.

During the war Dr. Laing was the administrative head of one of the most important war research projects on the campus.

Dr. Laing was educated at Liverpool University and came to Caltech in 1921.

The Tech extends its deep sympathy to Mrs. Laing.

**Tau Beta Pi Dinner Honors Members**

Last Friday night the Tech chapter of Tau Beta Pi held the traditional banquet in honor of the eighteen men initiated that afternoon. After the meal the expedites entertained the seventy-five active and alumni members with a skit entitled, "Should Scientists Be Allowed to Vote?" At the climax the Atheneum shook with the explosion of a simulated 'Atom Bomb.'

Vice-President Burt Crumly presented to the group at the conclusion Prof. P. S. Biegler and Prof. D. M. Wilson of U.S.C.

The guest speaker was Mr. John Mills of the Institute, who delivered an extremely interesting talk on the topic, "The Engineer as a Citizen."

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