



MERRY  
CHRISTMAS

# CALIFORNIA TECH

HAPPY  
NEW YEAR

California Institute of Technology  
Thursday, December 11, 1947

Volume XLIX

No. 10

## Interhouse Dance Biggest Social Event Of Season

**Techmen Enjoy Hot Music As Houses Feature Jive Men, Novel Decorations**

The Interhouse Dance last Saturday night proved to be one of the finest affairs held at Tech this year. There was never a dull moment from the first hot lick at 9:00 to the last dance at 1:00. Each house had done a fine job on decorations, and getting a good band.

The most-listened-to but least-danced-to, band of the evening was undoubtedly Nappy Lamarre's which melted the fixtures at Blacker House. Ray Bauduc, sensational drummer of Nappy's outfit, was the center attraction. Couples crowded the lounge to hear this really fine session of jive and jam.

### Decorations

Honors for best decorations go to Dabney House with Ricketts running a close second. Dabney's lounge was converted to an underwater scene complete with bubbles, sunken ship, and underwater flora and fauna. No mermaids *au naturel*, however.

Blacker's theme was appropriately musical with lots of instruments, music, handleaders, and a fine silhouette of a hot jazz combo on the South wall. Fleming takes the "Darkest Passion Corner" Award, amidst a profusion of palms, foliage and other confusing stuff. Their portrait of a Balinese girl was very striking in a most subtle manner.

Ricketts House had a very good replica of a dungeon with adjacent torture chamber. Throop's Cro-Magnon Cavern offered some fine art for the intelligentsia. First prize goes to modern painting of "Squashed Bug!" Stone axes were thoughtfully provided at all the tables for subduing Tech men overcome with prehistoric emotions. It seems Throop Club was the

(Continued on Page 3)

## Campus Calendar

**THURSDAY, DECEMBER 11**—Upper Class Luncheon Club at the Training Table, 12:00.  
Throop Club Meeting, 12:20.  
Orchestra Practice in Culbertson Hall, 7:30 p.m.  
Glee Club Rehearsal in Throop Club, 8:30 p.m.  
**FRIDAY, DECEMBER 12**—Student Assembly, 11 a.m.  
Frosh Basketball. Caltech vs. Chapman, there.  
**SATURDAY, DECEMBER 13**—Snaking for finals begins.  
**MONDAY, DECEMBER 15**—Finals!  
**SATURDAY, DECEMBER 20**—Christmas Vacation Begins.  
**THURSDAY, DECEMBER 25**—Merry Christmas Everybody!  
**THURSDAY, JANUARY 1**—Happy New Year!  
**MONDAY, JANUARY 5**—General registration. 8:30 a.m. to 3:30 p.m.  
**TUESDAY, JANUARY 6**—Back to the grind.

## Asilomar Conference Plays Host To Many During Vacation

By Ed Crichton

The very popular YM-YW conference at Asilomar is to be held this year from Dec. 27 to Jan. 2. If you haven't signed up yet, rush down to the Y office and see Wes Hershey or Dick Alexander. Last year 17 Techmen went and had the time of their lives. Our self-indicated quota for this year is 25-35.

### Great Experience

"Asilomar is an experience and an opportunity to examine the world and its critical need for community; to experience the possibility of genuine community; to confront the demands of the Christian faith, and to the Christian community may take hold of issues and act con-

(Continued on Page 6)

## Novel Y Forum Great Success

The phenomenon of Techmen coming out in droves to hear the secrets of Modern Art is being hailed by the Y Forum Committee as one of the minor wonders of the age. Last Monday evening David Scott of Scripps College spoke in 119 Kerckhoff to the largest Forum audience of the term in the most absorbing manner. Mr. Scott drew a sketch of Mt. Baldy as seen from Claremont, and then altered his drawing as the discussion developed to indicate how this scene would be interpreted by Impressionist, Expressionist, Realist, and finally Surrealist artists.

It was admitted that it was ridiculous for an abstract artist (Continued on Page 6)

## Wheaton Trophy For '47 Awarded To Milt Strauss

**Frank Bull, Dr. DuBridge, Dr. Stock, Coach Anderson, Speakers at Banquet**

The ASCIT'S fall athletic banquet was held last Monday night at the Brookside Golf Club as a tribute to the men on the Football, Cross Country and Water Polo teams.

Featured at the dinner was the awarding of the Wheaton Trophy for outstanding accomplishments in athletics and scholarship. This year the award went to Milt Strauss, All-Conference Beaver quarterback.

Guest speaker at the banquet, which was presided over by Chester Stock, was Frank Bull. The program featured short

(Continued on Page 6)

## Glee Club To Present Popular Program In Assembly Tomorrow

### Rousing Songs, Christmas Carols To Feature Term's Final Show

**Results Of Student Director George Drapes And 27 Men's Hard Work Shown**

The newly organized Caltech Glee Club will give the student body an exhibition of their talents at the regular 11 o'clock assembly tomorrow.

Led by their student director, George Drapes, the members will present a program of light, enjoyable music. Opening with the "Riff Song," the program will contain many other favorites such as "Stout-Hearted Men," "Night and Day," "Soldier's Chorus" from Faust, and the "Whiffenpoof Song."

### Christmas Carols

The last half of the program will be devoted to Christmas Carols, with the audience joining in. About 200 copies of carol books have been obtained, so everyone will be able to participate.

Among the 27 or so men in the chorus, very few have had much previous experience in this type of singing. The men meet because they enjoy singing and are willing to spend a few hours a week working with the club. In spite of their highly amateur standing, the members have been working hard to pro-

(Continued on Page 3)

## Admiral Badger Presents Award In Assembly

Admiral Oscar C. Badger presented Caltech with a commendatory plaque for its "essential part in our national defense" at the assembly held last Friday at Culbertson Hall. The plaque was given by the Navy in recognition of the V-12 Naval Personnel Training Program during the war period.

The award was accepted by Dr. Lee A. DuBridge, president of Caltech, who praised Dr. Millikan, president of the Institute during the war, and others working at Caltech for their part in the Navy program.

Rear Adm. Badger also told how the Caltech training and research program aided our forces during the Pacific campaign.

Prof. "Ex-Dean" Jones then spoke on some of the problems arising from the V-12 program and how they were met by the co-operation of Navy and Caltech administration and by the helpful advice of Dr. Millikan.

### W.S.S.F. Awards

After the Navy Award ceremony was completed, Frank Wolf gave the prizes in the W.S.S.F. fund-raising drive. Tom Stix, president of Fleming House, represented Fleming House in receiving a prize of \$10 worth of merchandise for the house with the largest per capita, and Dale Vrabec was awarded \$5 as a prize for bringing in the largest monetary amount of contributions.

## EE's Conclude Field Trips With Trip To Radio Plant

Electrical Engineering students belonging to the American Institute of Electrical Engineers or the Institute of Radio Engineers wound up their term's activities by touring the plant and engineering department of the Hoffman Radio Corporation in Los Angeles. They were conducted through the establishment by Albert Mirakentz, senior engineer in charge of home receiver production.

The visit was the last of a series of highly interesting field trips conducted by the Caltech student chapters of the A.I.E.E. and the I.R.E. this term. A similar program is planned for next term, and all electrical engineering students, including freshmen, are urged to join one or both of the above organizations.



Milt Strauss

The Editors and Staff of the  
**CALIFORNIA TECH**  
Wish You an Enjoyable  
**Holiday Season**  
May your Christmas be merry  
and your New Year bright

## Arabia Pix Thurs..

A 20-minute colored motion picture of Arabia with sound description will be presented by Mr. E. R. McClung of the Arabian American Oil Company at 4:15 p.m., Thursday, December 11, in Room 206 Dabney. All students are invited to attend.

## Attention Vets

Any veterans who have not received their award letters or subsistence checks are asked to come to Room 309, Dabney Hall, any hour tomorrow, Dec. 12. A representative of the Veterans Administration will be here to straighten out any problems.

## Christmas Seals To Be Sold Here

Christmas Seals will be on sale for the first time at Caltech. They will be sold at the entrance to Throop Hall during December. The support of everyone to this cause is urged.

## Interview Schedule

**DEC. 9, 10, 11, 12**—STANDARD OIL CO. OF CALIF.—Restricted—Geologists, Paleontologists, Physicists, Chemists, Chemical, Mechanical, Electrical and Civil Engineers. Seniors and Graduate Students.  
**DEC. 9, 10, 11, 12**—ARABIAN AMERICAN OIL CO. (Arabian)—Restricted—Geologists, Paleontologists, Physicists, Chemists, Chemical, Mechanical, Electrical, and Civil Engineers. Seniors and Graduate Students.  
**JAN. 19**—MINNESOTA MINING & MANUFACTURING CO. (St. Paul, Minn.)—Open—Chemists, Chemical Engineers, Physicists. Seniors and Graduate students.  
**MARCH 22-26**—STANDARD OIL CO. OF CALIF.—Restricted—Geologists, Paleontologists, Physicists, Chemists, Chemical, Mechanical, Electrical and Civil Engineers. Seniors and Graduate students.

# The California Tech

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## THE BOUDOIR BEAVER

**AUTHOR'S NOTE:** Vector made her first public appearance last Saturday night, attracting more envious stares than a squadron of Gingers. She was to be seen in one of her more fascinating forms on the north wall of Fleming's Balinese Bar, LE BON JOUR.

Ardent devotees recognized Vector by her amazing electronic papillae. This endearing talent was acquired by the Hyperwoman while dating wartime Techmen serving as Navy RT's. Vector was glad to report that, although some Techdates viewed her intriguing figure icily, our men were very gentlemanly and either nodded approval or chuckled quietly. A few frosh, however, were caught with open mouths when she increased her rep rate.

**CHATting** after dinner last night we talked of exciting things to do. Down through the ages, we agreed, the most enchanting custom of mankind is the Elopement. We connect it with a madcap, romantic disregard of convention and decree, the most magnificent tribute to Venus.

Bill specified, "Elopement must not be confused with abduction. The boy and girl must be in essential agreement to the idea of getting married, and there must be an objection to the usual marriage ceremony."

"Of course," nodded Dean, "and usually the kids are in trouble; they HAVE to get married, and they are afraid to tell their parents."

Bob amended, "Well, I think a number of elopements are spur-of-the-moment affairs. A pair of numskulls think they're in love; so they suddenly go off to make it legal. Alcohol has a strong catalytic effect. I can't see anything particularly romantic in that."

Carl wrinkled his brow and pulled on his chin. "Mmmmm,

yes. But I can imagine a pair of normal, intelligent people simply deciding that they didn't want to mess with the fuss of an engagement, receptions, showers, a wedding replete with moaning minister, a baleful "Oh Promise Me," weeping females, and broadly quipping males. As Wylie said,

'Avoid the reeking herd,  
Shun the polluted flock.'

My sympathy is quite with Eloping."

Tom joined, "Well, suppose we didn't give beans for the ancient custom, weren't worried about bitter families, and could stand the loss of wedding gifts, just how would we arrange an elopement?"

Pat offered, "I think it ought to be carefully planned. The chances of anything as important as this coming off well—just by luck—would be poor. First off, we would want to check transportation—train or boat reservations or a trusty Stoke-mobile."

"Right," agreed Tom, "and I would choose a place both of us knew fairly well, a familiar cabin or hotel 'way off somewhere—a honeymoon itself is country strange enough!"

"Now hold on," interjected Vector, "unless you are pretty rugged, don't try any of this back-to-nature routine. I would want a place civilized enough so we won't haul water two miles, and far enough away so Dad won't jump in the buggy without second thought to bring me home. Carmel would be a dandy spot for a spring or summer elopement, and Honolulu if you feel that way in winter."

Bill livened to the conversation with, "An absolutely essential romantic touch would be to arrange a quaint church for the wedding with a sentimental minister, or a gruff, cynical justice

(Continued on Page 6)

whether

## PIGS HAVE WINGS

By the Walrus and the Carpenter

Just recently we've had a few people ask us whatever happened to Freshman Peter Jernigan. This lad, as you may remember, achieved a slight degree of notoriety back at the beginning of the term when we happened to publicize his first encounter with that great Tech leveler, Ph-la.

We are forced to admit that we had completely lost track of the fellow, having assumed that by this time he had probably become pretty well indoctrinated with the system around here and was doing quite well.

Our curiosity was aroused and we decided to pay a visit on him just to check up. Knocking on his door, we received no answer, so we turned the knob and peeked in. In the opposite corner of the room there was a snake light burning over a desk.

### THE SQUARES' CIRCLE

Our Scripps Visitor Mr. Scott:

Dear Editor, was met by a typical Caltech Monday audience—wives, teachers, a note-taking duo of lecture attendance fame, and, surprisingly enough, a generous complement of actual students willing to absorb the paradox, "How to Like Modern Art."

This brings me to the subject of my efforts—to portray (an ad-

At one side there was a typewriter on a small table while at the other side a drawing board had been set up on a chair. The desk itself was littered with books and papers and the ash-tray was overflowing with crumpled cigarette butts. Behind the whole mess we could dimly perceive our boy Peter, his head bowed low over a page of formulae. "Say, Pete, we just wondered. . . ." "Drop dead," he snarled, without raising an eye. "We'd just like to talk to you for a few minutes." "Talk to me?" he screamed, "Look here man; all I have to do is three chapters of problems in Physics, six drawing plates, two English themes, read three hundred pages of History, and its four days before finals, and you want to talk to me! Go 'way! Get out of my sight!"

With this we quietly withdrew from the room and decided to try again some other time. Actually we couldn't understand what he was so worried about, since he seemed to be in about the normal state of the Techman four days before finals. But . . . you have to respect a man's idiosyncrasies.

Well, finals came and went, as they always do. After they're over you wonder what all the fuss was about. Having a few hours the last day before we were to take off for home, we again thought of Freshman Jernigan and again stopped by his room. This time his roommate answered the door and as we walked in we asked, "Where's Pete?" There was an uncomfortable silence before a faltering voice answered, "Don't you know? . . . I mean, haven't you heard?" We expressed our ignorance and the chap launched into the disheartening tale:

"To begin with, it was all because of History. You see Math and Physics took so much of Pete's time that he hadn't cracked the History book all term. He had it figured that if he could read the book the night before the final he could soak up enough to get by. I'll never forget that night. Pete started reading right after dinner. Often he would mumble aloud as he quizzed himself with review questions. He devoured the stuff at a phenomenal pace and when I hit the sack at 3:00 a.m. he was sitting cross-legged on the

tained by living among the subjects portrayed, but . . . let the accompanying sketch speak for itself.

With best wishes for a successful meeting with "the Final Shaft," I remain,

C. B. N.

**EDITOR'S NOTE:** C. B. N., known to his friends as Carlos Navarro, came through last year with "the Final Shaft," reprinted in this issue. Freshmen and others new to Tech will better understand the utility of the proposed shaft after Finals.

### Associated Oil Sta.

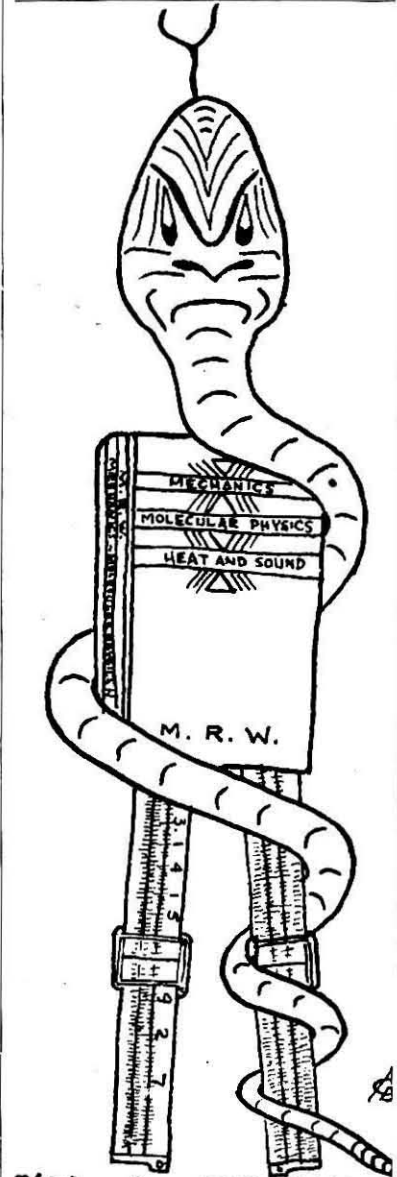
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I'M A SNAKE!

dition to William Steig's Lonely Ones) the one person who, probably because of his concealed activities, escaped the pen of the above-mentioned artist.

The realization of the attached "major study" could only be at-

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## Shavings from the Board

—By der Muehl

### STUDENT UNION

The main point for discussion that I would like to bring up in this week's sweepings is the subject of the proposed Student Union. The Board of Directors has been asked to submit a list of recommendations as to what it should like to have in a Student Union—things that are within reason for a student body of our size. So naturally we want our constituency to have a hand in deciding what we want, so please let any of the Board members know of your ideas in the very near future as we only have a very short time to make the deadline for the preliminary report being presented to the Board of Trustees early next January.

### BY-LAWS

By-Law revision is still in process. We are trying to simplify them by eliminating duplication and by clarifying those that are in existence and are deemed of sufficient note to remain in the By-Laws. Again we are open for suggestion and as yet we have received very few outside of the ones we have had trouble with on the Board recently and which urgently need modification.

### BIG T

The annual headache of the Editor of the Big T is still going on and will until next June when he can breathe a sign of relief when it is published. Plans have been laid to make this the largest and best book yet put out here at Tech and it is up to us to lend a hand if we can or to keep prodding those working on it so that they will do their utmost and make that rosy-colored dream come true.

The big problem at present (beside the proximity of finals) is getting the necessary advertisements to finance the book and up to now have been coming in at a fairly good rate. Here again the time factor enters and soon it will be too late to start altering the book if sufficient advertisers have not been procured. Good luck to you ad chasers and may you all get more and larger ads.

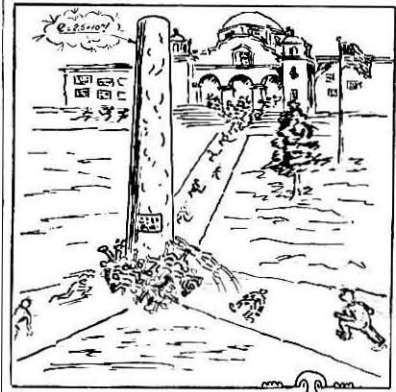
floor with the book in his lap, flanked by a tin of No-Doz tablets and a steaming Silex. He was still going strong the next morning and at five minutes to eight I dragged him to his feet, just as he finished the last chapter.

"Quick, before I forget it!" he cried, and we dashed to 119K. For nearly three hours Pete wrote like a madman. Filled up four bluebooks. Then fifteen minutes before the time was up he rose, put his pen in his pocket, and ambled nonchalantly down the aisle to turn his exam in. He flipped through the pages of his bluebooks and suddenly a very strange thing happened. His face turned ghostly pale, a look of utter incredulity came into his eyes, his knees slowly buckled and he finally had to be helped from the room.

What had happened was that due to his beat-out physical condition he had spent the whole time writing an absolutely illegible scrawl and had only discovered this when he was completely finished. Well, after that poor Pete just went entirely to pieces. He's been getting worse and I doubt if he'll ever be quite sane again."

At this point we were interrupted by a clatter and looked up to see none other than Peter himself come banging into the room. He was whistling and looked happy as a kid on Christmas m-o-r-n. Astonished, we groped for words, "but . . . how?" (Continued on Page 3)

### FINAL SHAFT



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## The CALTECH MUSICALE

PROGRAM FOR SUNDAY, DECEMBER 14, 1947

BEETHOVEN—Die Grosse Fuge

BRAHMS—Trio in B Major

— Intermission —

FRANCK—Trio in F Sharp Minor

BACH—Suite No. 3 in C Major

for Unaccompanied 'Cello

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## CAMPUS BREWINS

The last social week-end before finals certainly went off with a big bang. The principle item of interest seems to have been the Interhouse Dance with these five affairs ranging all the way from delightful social functions to downright orgies.

The Throop affair seemed to fall into the latter category from what we observed. We are curious as to whether Haydn Sanders is setting the new style of dancing in Throop Club. We were taught to dance with one hand at the girl's back, but Haydn—!

### Talent Scout

Galt Booth was really making the most of the evening. Long after the ball was over, if you squinted hard you could have seen him in a far corner with his date occasionally emitting subdued squeals. When confronted with this news the following day, Booth merely looked shyly at the ground, giggled once or twice, and explained that they were merely exploring each other's talents. Apparently she is very talented.

### The Wanderers

A large motley crew from Throop was noticed milling around confusedly from punchbowl to punchbowl. Jack Flynn, Walt Pfeiffer and Linn Crosswhite were convinced that Throop had the best refreshments. Flynn being the only one of the three not married to his date, gave every evidence

of trying to live up to his name.

### Jitterbug

There can be little dispute that Blacker really had some fine music featuring Ray Bauduc and Nappy Lamare. While the timbers creaked to their frantic efforts, most people, including musicians from some of the other bands, just watched in fascination. Not so Doug MacLean. He and his partner performed one of the most unusual dances seen. Suffice to say, that had he once lost his grip on his girl, from sheer momentum, she would probably have gotten her head buried in the wall before stopping.

Then there is the other extreme, like Chuck Forrester who, much to everyone's surprise, was sober, dignified and in no way making an ass of himself. Possibly he wasn't feeling well.

Some of the celebrants, not satisfied with concluding the festivities at 1 o'clock, took off for the Ski Hut to finish up the week-end in the snow. This is truly admirable spirit.

### Eager Beavers

Throop Club, unlike the houses, has not ended its social season. At the moment plans are being made for a big New Year's Eve brawl which portends to be bigger and better (pronounced wetter) than anything ever held in the past.

The student houses were darker than ever before in their his-

tory. Even the illustrious snake, Warren Marshall, was seen in the bushes (with Vera.) At this point the censor's blood is boiling, but then everybody that danced in Fleming that night may honestly say without fear of social stigma that he was under the bushes\* with his girl. I think that any Tech man who has had any experiences out at Scripps will testify that our bushes are much superior to the WASH—what say, Bruce?

Not only did Fleming have bushes but then there was that delicious Balinese wench whose anatomy glowed in the dark—first one red, then the other, then both, and finally the after glow and darkness.

Not to be outdone the Rowdies did a terrific job of turning their lounge into Newgate prison. Of course, considering the morals of the house as a whole, perhaps it wasn't an imitation at all.

### Wozniak Scores

Jerry Wozniak, that terrific tailback, seems to have charmed the little blonde that saw the boys off at San Luis Obispo, as she was seen in "close" proximity to Woz all night. That crack on the head at Redlands didn't do too much harm.

### Mana Palava

Al Sereno's Hawaiian sweetheart came over just for the dance, so she and Al spent the evening crooning Hawaiian love songs which nobody else could understand.

### Sellen Accepts Western Mores

Mike Sellen, Texas' contribution to the monastery, succumbed to the desires of an attractive Scrippsite, Connie Carpenter, and attended his first dance at Tech. Now all the mighty men have to do is work on the rest of Texas, by the name of "Snake" Bass.

### Tech Finds New Disease

All the friends of Bill Silvies will be sorry to hear that he has contracted a disease com-

monly known as the "smoldering boulderums," last week.

### Prodigals Return

Flashed around the world last Sat. night was the news that the lovely Scripps sirens have returned to the fold, having forsaken Mudd. It is reported that a major traffic problem occurred when the Techmen attempted to return these lovelies by 1 o'clock. All the old stand-bys were there plus too many new faces to mention. I just hope they have better luck than I have had.

Talking about Scripps, Chuck Auerbach has established a very successful date bureau. He also, by his own admission, is the 29th heart on Natasha's sleeve. Fullerton is a little higher up on his 'uns list. Dina is worth millions, so Paul spent the evening trying to pick off the genuine gold sequins without much success.

Bill Jarmig, Dabney genius, deserves a Ph.D. for his amazing contraption that produced fish bubbles. The device should be handed over to the Caltech Development Corp. for patenting and exploitation. It is worth millions—congrats, Bill!

I could go on for hours about the dance, but then most of my readers were there, so they saw all the "news that's fit to print."

But one closing item on a different subject. I understand that in senior Psch. there is a discussion going on as to what one act gives the most pleasure. The Tech is going to run a poll in the near future concerning this and other matters. We feel that our statistics are just as profound as Newsweek's 90 per cent, so be thinking about it.

\*—Readers who have come this far will be pleased to know that the bushes refered to were suspended from the ceiling of Fleming Lounge.

"For goodness' sake, use both hands!"

"Can't, gotta drive with one."

## THE FRONT BURNER

By Walt Davison

### PLAYHOUSE OFFERS VARIED PROGRAM

The American premiere of "The Magic Rowan" at the Pasadena Playhouse, Dec. 1-28, offers an evening of comedy-fantasy in the J. M. Barrie spirit. James Shaw Grant's play is based on the Hebridean legend of the Magic Rowan tree. The Little Green Man comes to Carnavallian to remove the strife and greed with the spirit of the Rowan tree.

Dec. 31-Jan. 11 brings Rudolph Besier's famous play about the Brownings, "The Barretts of Wimpole Street."

The West Balcony offers "Bird in Hand." If theatrical intimacy

new plays.

**LAS PALMAS**—Emperor Jones  
The Las Palmas offers fare for Eugene O'Neil fans in the form of "Emperor Jones." O'Neil's play has always been well received for its force and tempo that come to a resounding climax.

### LAUREL—Shoe-Shine

One of the best bets in films is the Italian production, "Shoe-Shine." A story of the juvenile conditions in postwar Italy, it tells with impact and stark reality that American movies cannot touch, the fates of three urchins of the streets.

### FOLLIES—Lili St. Cyr

For those interested in one

Rose Bampton, soprano. Max Lichtegg, tenor.

Selections from Fidelio (Mozart) and 3rd Scene, Act I of Die Walkire (Wagner) Dec. 11-12.  
Leo Fleishen — Playing a Brahms Concerto in second all-Brahms Concert. Dec. 18-19.  
Next Concert—Jan. 8-9.

### MOVIES

**Four Star** — "Mourning Becomes Electra"— Starts Dec. 25.  
**Laurel**—"Shoe Shine."

### Holiday Activities

#### THEATRE

**Belasco**—"Mary Had A Little."

**Follies**—Lili St. Cyr.

**Las Palmas**—"Emperor Jones."

**Pasadena Playhouse**—

"The Magic Rowan,"

Dec. 17-28.

"The Barretts of Wimpole Street," Dec. 31-Jan. 28.

**West Balcony**—"Bird in Hand"

**Theater Mart**—

"The Drunkard."

#### MUSIC

**Los Angeles Philharmonic**—

is desired the Balcony theaters offer this, as they are small and house productions of a lab nature. There students of the Playhouse act, direct, and try out

of the forms of interpretive (?) dancing, the Follies program offers Lili St. Cyr, who is the best exponent of this to be found in the Los Angeles area.

#### INTERHOUSE DANCE

(Continued from Page 1)  
embarking point for a conducted campus tour, usually ending in the darker and less-frequented portions of the campus. Things broke up at 1 a.h., excepting an impromptu record dance at Blacker until 2:00 a.m.

#### WHETHER PIGS HAVE WINGS

(Continued from Page 2)  
... what? ... "Relax," he admonished me, "I just was walking past Dabney and there was McCreery, leaning out of a third story window, throwing little paper airplanes made out of bluebooks to see how far they would go. Mine crossed San

#### GLEE CLUB

(Continued from Page 1)  
duce a well-blended chorus. They are, of course, working against great handicaps in that they can meet only about two hours a week.

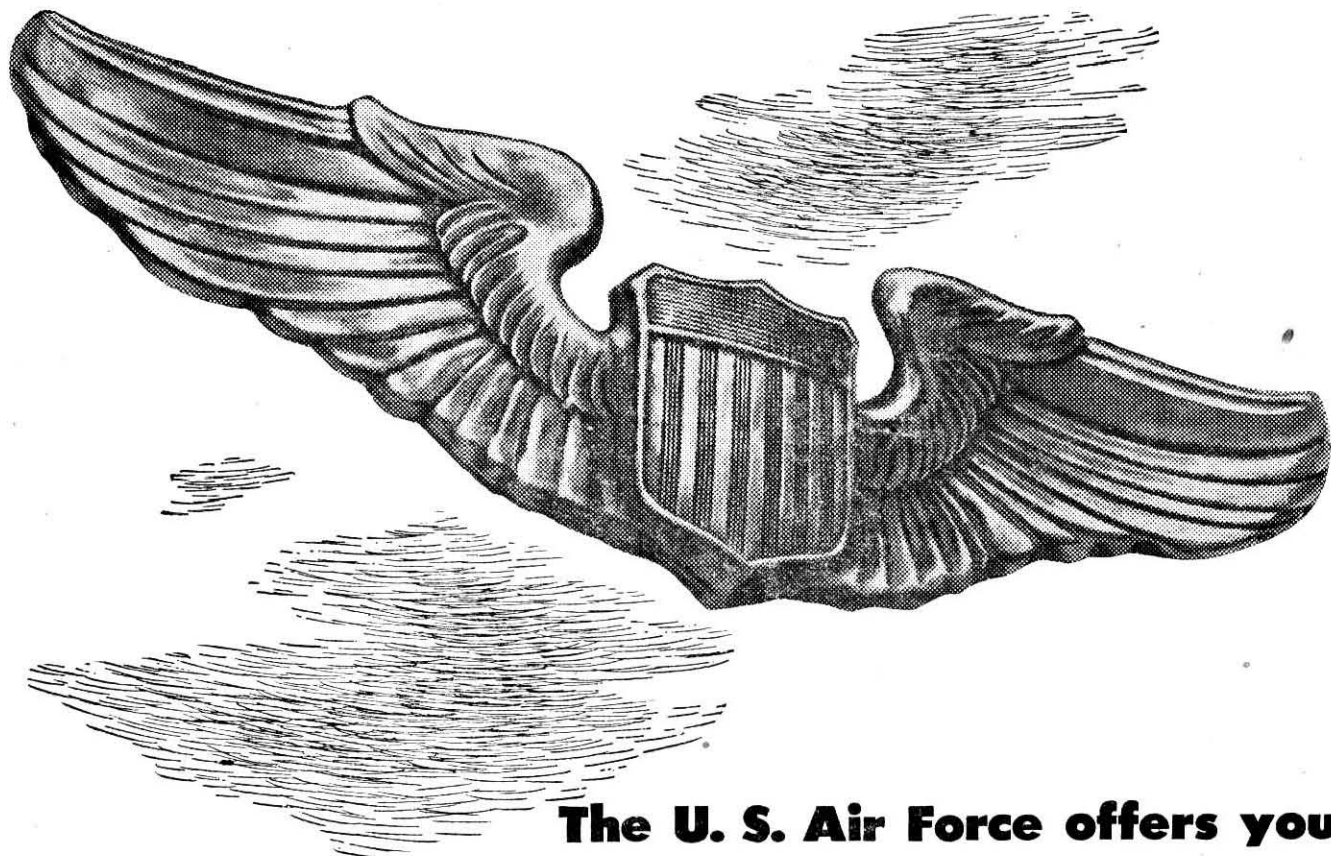
#### Caroling Expedition Planned

The Glee Club is planning to send out an expedition to carol in the streets of Pasadena during some evening of Finals Week. Equipped with lanterns and song books, the chorus will bring Christmas cheer to those in Pasadena that don't have the opportunity to enjoy such benefits as Finals Week.

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### EPHEMERAE

**Howling We Go**  
Why didn't Tech get a bowl game? That's a question no one has bothered to ask yet.  
But if the bowl-pickers had only done a little research before going ahead with their high-minded selections, they would not lightly have passed over a team capable of beating mighty Notre Dame by 185 points.  
Surprisingly enough (to the uninitiated) that is just what statistics reveal. How? Comparative scores, the basis of all football ratings and comparisons.  
**Be Lieve It or Not**  
We tied Whittier, 6-6. Whittier beat Pomona, 15-12. This means we were 3 points better than Pomona. (Pomona's one TD win: just a fluke). Pomona tied Oxy, 6-6. So we're three points up on the Tigers (Their 30 win? We had an off day). Oxy walloped the Cal Aggies 26-14, so we're 15 up on them. But the Ag boys stopped Whittier, 14-0 so we were 29 points better than the Poets all the time! Whittier lost to Redlands, 6-7. We're 23 in front of the Bulldogs, in spite of a 13-20 reversal (Woz was out). Redlands held Pepperdine to 6-21. So we're 13 better than the Waves. (That 46-0 rout—We don't talk about that.)  
The Waves crushed Arizona State, 60-7. Our margin: 66.  
But Tempe only lost to the U. of Arizona, 13-26. We're up 53.  
**Onward and Upward**  
Now we're getting towards the "big time." Arizona ran over Montana, 40-7, and Montana smashed Idaho, 21-0. So we've

got 107 points on the Vandals.  
Idaho beat Stanford, 19-16 but the Indians dropped to SC, 14-0, which drops us down to only a 96-point edge over the Trojans.  
But they hit Cal, 39-14, and Cal hit Wisconsin, 48-7. The Badgers are 162 points down from us. But even such an impotent squad was enough to take Northwestern, 29-0. We're 191 points up on the Chicagoans.  
But the lakes boys were stopped by the Notre Dames, 26-19. Which leaves us 185 points up on the Irish.  
**Black and White**  
So there it is, all down in black and white. We'll confess, after looking at Leahy and Co. last week in the Coliseum, it's a little hard to believe, but figures don't lie!  
Or do they? ND's 31 point margin over Essee means that we're 216 points up on the Trojans, instead of only 96. Did they get that much worse?  
And then we started working backwards by the same method.  
We gave up when it appeared that the Tech varsity could lick itself by 834 points on a clear day.  
Maybe it could have, at that.  
LEN

### Classified Ads

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### Geologists To Stage Mountain Brawl

Geologists of Tech will continue their new tradition of co-educational field work on Saturday, Dec. 20, with a grand-scale lab session and barn dance to be held at Mountain Oaks.  
Deviating from their usual interest in rocks and dirt, they will examine the properties of fluids and the effects of motion faster than glacial to the tune of vibrations other than seismic. In other words, dancing will be in order, and beer even more so. It is planned that in addition to the type of dancing common to Caltech brawls, exhibitions of square dancing will lend a more rural atmosphere.  
Social Chairman Howes has stated that, although technically a Club affair, non-hollow-legged guests will be welcome provided they contribute their share of the damage to the club treasury. If you have \$2.00, see your nearest geologist.

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### Writing Contest Offers Prizes To Tyro Dramatists

DRAMATISTS' ALLIANCE of Stanford University announces the 13th annual competition for awards in dramatic writing. Contests are open to all persons writing in sound dramatic forms, purpose of the awards is to introduce new work to community and professional theatres.  
Awards for 1948 are these: the Maxwell Anderson Award of \$100 for verse drama of full length or one act, the Miles Anderson Award of \$100, sponsored by Peninsula Players of San Mateo, Calif., for full length comedies or tragedies dealing with domestic life in the western hemisphere; the Stephen Vincent Benet Award of \$50 and presentation over Station KVSM for radio drama of 20 minutes' length, whether serious or comic; the Henry David Gray Award of \$75 for clear-cut discussion of problems of production and acting.  
For information about registration papers, fees, and special services, address DRAMATISTS' ALLIANCE, Box 200 Z, Stanford University, California. Contests close Feb. 15, 1948.

### Geologists Clash In Symposium

Five prominent geologists clashed head-on in a symposium on the structure of the Basin Range Province held by the Caltech Geology Club on Thursday, Dec. 4. Drs. Sharp, Buwala and Hewitt of the Caltech staff, and Drs. Gilluly and Blackwelder, guests, presented opposing views to the largest audience in Geology Club history, 77.  
Those present were unanimous in the opinion that it was the most stimulating program in the present series of lectures.

### Frosh Sport Roundup

The Frosh basketball season unofficially opened last Thursday with a scrimmage game at the Muir Junior College icebox, which they call a gymnasium. The young Beavers scrimmaged the Muir Colts, a team which is on par with high school teams.  
Following a slow and ragged first half which saw the Colts ahead, 18-16, the Frosh hoopers came to life and took the lead from Muir until the final minutes of play when a rally paid off in a 47-45 Colt victory.  
The scrimmage definitely tabbed five men as the most outstanding on the squad, and this quintet will undoubtedly start quite a few games this season. High scorer for the Techmen was Al Sereno, who fits neatly in a forward post. Al's 13 points came as a result of some nice side shots plus a few accurate free-throws. Bud Freise played a good game at the other forward spot and might take team scoring honors with his fast breaks.  
Thorne Butler at center showed considerable promise of developing into a key man in the Baby Bevo offense as well as defense. While the 6-foot 4-inch freshman did not appear outstanding in the point column, he was responsible for recovering a good percentage of rebounds from both backboards throughout the game.  
Guards Ray Greutert and Dick Brewer both gave evidence of some fine shooting from mid-court, and they tended to slow the team down when things got too exciting.  
The yearlings play their final game before meeting their first conference opponent, Occidental, Jan. 9, with a game at Chapman College tomorrow night. The Frosh battle will precede the varsity game, as will all their contests this season. This all leads up to a plug for the Frosh, namely, get out to the games this season an hour or so earlier so that you can root a little for the Frosh. You won't be disappointed in their performance.

### Water Polo Season Ends With Oxy Game

The suits have been hung up to dry for the last time, the final games having been played this week.  
Tuesday, the Oxy pool was the scene of the rise and fall of Tech's hopes—9-4, Oxy. Using the "Merrick shift"—Eimer in the goal and Liby at guard, the team gave a good account of itself. Scores by T. and B. Waters, Eschner and Palmer kept the offense rolling, while Liby was giving the Oxy star, Scolls, a very rough time from the guard position and Palmer effectively stopped Crosby's backhand. Unfortunately, Oxy's other forward, Jacobs, was on.  
It was a close contest until the last of the fourth quarter, when the odds were 7-4. At this point, the second string went in. Oxy put in two more to end the battle, 9-4.

**Compton, 3; Tech, 2**  
With the reshuffling of the draw in the Fullerton Tournament, Tech found that instead of Glendale, we had drawn Compton. Having lost the last one 6-5 in the final seconds, this news was not unwelcome. Between rain squalls, a hard-fought contest was waged in the super-heated pool. Getting off on the credit side, Dixon slammed one home, but Compton came back to tie it up. Some time later, B. Waters put one in and, again the opposition put in one. This was followed by another Compton score.  
With Tech fighting for the tying point, two Comptites and a Techmen were thrown out for varying offenses; things looked up. Then Liby wandered inside the two and was kicked out. The game ended as Palmer and Eschner missed two desperate shots.  
Water-polo is ended, but swimming starts sometime around the middle of February. The only losses from last year are divers. We are in DIRE NEED of springboard sprites. Anyone, I repeat, anyone interested will be welcomed in February.

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# Beaver Sports

## Oh, Well, Maybe Next Year...

By George Terhune

The Athletic Banquet of last Monday night officially ended the fall sports season with an enthusiastic discussion of athletes and song leaders. As "Doc" replenishes his depleted tape supply, and Barrs tries to pair up the last odd football shoes, it's about time we had a look at the record books of Caltech's three fall teams.

### Cross Country

Last Tuesday's four-mile lung-buster wound up very successful seasons for both the Frosh and varsity distance runners. The final conference standings were: (1st)—Redlands; (2nd)—CALTECH; (3rd)—Occidental; (4th)—Pomona, in the vsrity division. The freshman team went through the season undefeated, taking first place in their conference.

One of the highlights of the season was the three-way meet between Oxy, Santa Barbara and Caltech, in which the scores of the three schools were kept as if three dual meets had been run, and the score between Oxy and Tech was 27-28 with Tech on the win end. Tech also beat the Gauchos by the same score.

All in all, the Cross Country boys have had a very successful season and the prospects for an even better squad next year are very good.

### Football

The roaring crowds out at the Rose Bowl saw some exceptionally well-played games this year. The Beavers always turned in a good first half, often outplaying favored opponents, but Andy's

## Whittier Takes Redlands Invitational Basketball Tourney

Beavers Beaten by Pasadena Nazarene College in First Outing of '48 Campaign

three-deep-in-few-places squad hadn't enough reserve strength for 60 minutes of top-speed play.

A lot has been said already about the tough conditions our boys played under—lack of time for practice, and so on—but the most significant facts about this season's team aren't too closely related to the score-board. The two things that best indicated the spirit of our men were the exceptionally clean football they played all season, and the comparative lack of serious injuries, showing that they charged hard, and didn't slack up when the odds were against them.

Now that I'm down off the Goon's soap box, let's see what the score book says:

We	They
6 California Poly	26
20 LaVerne	0
6 Whittier	6
0 Occidental	9
20 Pomona	27
13 Redlands	20
0 Pepperdine	46
65	134

### Water Polo

Although putting up a hard fight, the splash team met defeat in the season opener with Compton to the tune of 7-4. The next encounter, with Muir, however, saw the Techmen on the long side of a 6-4 count.

One of the outstanding games of the season was Tech's close game with U.C.L.A. Merrick's

(Continued on Page 6)

Although the Tech basketballers played a hard, fast game, it was not enough to conquer the boys from Pasadena Nazarene College last Friday in the first annual Redlands Invitational Tournament. The defeat, by a score of 49-37, dropped Caltech from the tournament lead.

Whittier later defeated this same Nazarene outfit in the finals to take the tourney.

Although Coach Shy is rapidly rounding his men into shape, lack of practice time was telling and Pasadena was able to pull steadily ahead. High-point honors for the evening went to Guard Bob Stoleley, who dropped 8 points through the hoop. Saltman and Bowen followed with 7 and 6 points, respectively, to their credit. Stoleley has shown much improvement and will probably be one of Coach Shy's strongest men this season.

Grabbing all honors for Pasadena was Forward Cartwright, who scored 13 points in the last half.

With a little more workout time and their share of the breaks, the Varsity should have a successful season.

### Line-ups:

CALTECH (37)	PASADENA (49)
Furth (5)	F. Whitcomb (1)
Tyson (2)	F. Young (5)
Saltman (7)	C. Kennedy (12)
Montgomery (3)	G. Latter (4)
Stoleley (8)	G. Patapoff (2)
Scoring subs: CT—Bowen (6), Bass (4), Brington (2), PC—Cartwright (13), Jandreau (12), Hornbeck (4), Beck (4), Davis (2).	

Half-time score: CT, 16; PC, 16.

## Redlands Wins C. C. Meet; Caltech Takes Second Place

Marshall and Peterson Grab Fourth and Fifth Frosh Win From Pomona and Redlands

### Talkin' It Over

with The Goon

Just finished getting thrown out of the Hustler's Inner Sanctum after being liberally covered with Corona-Corona ashes. The Dean of the College of Physical Education is pretty busy these hectic days. Now that the City Fathers of the Crown City have decided what part of Tournament Park Mrs. Giannini can have her picnics in, every man on campus from Lee A. to the Goon has been drawing up plans for the new super-gym.

### Scientific Aids

Dr. Smyth is working on a special basketball basket with a powerful electromagnetic field that attracts leather. From all indications so far the basketeers will welcome this gadget with open arms. The nuclear physics section is developing the first fission-warmed swimming pool. But all kidding aside, it looks like the school will really have one of the best athletic plants in the country when our alumni come through with a couple of million bucks. All we will need then will be the athletes.

### Athletic Banquet

The Athletic Banquet the other night was the highlight of the season. The only disappointment was that Dr. DuBridg didn't swap jokes with Andy. Looks like the Prexy met his match. Miriam and Miss McGee were going to come disguised as Stan Barnes' father but a few complications developed and so they had to get all of the gags second-hand from Bass. It's a shame these two gals can't eat steak with us on banquet night when the awards are passed out for service to athletics; they really put in the time and effort.

Glad to see that the cross-country squad didn't smoke those big back cigars at the banquet. Although I must admit the Goon took about three drags and then passed out. At east 20 guys were going to write a column with a brittle-beak, but I'm confessing to avoid the unnecessary humiliation of being condemned

## Dabney Leads In Interhouse Race

Dabney holds a seven-point margin in competition for the Interhouse Trophy at the end of the present term. With a first in cross-country, a second in baseball, and a fourth in volleyball, Dabney has run up a total of 41 points.

By consistent results, Fleming, present holder of the trophy, has managed to hold onto second place. Ricketts, however, is a close third.

### Throop Droops

Throop started the campaign with 25 points for a first place in baseball. With Freshman Bob Cobb grabbing first in every cross-country race, the Throopmen had an opportunity to rack up a convincing lead. However, Throop failed to enter the required number, received no credit for cross-country, and has dropped to fourth in the interhouse standings.

Sports for the second term are softball, track and swimming. Softball begins Feb. 2.

Following are the standings:

	BB	CC	VB	Tot.
Dabney	20	15	6	41
Fleming	10	12	12	34
Ricketts	15	9	9	33
Throop	25	0	3	28
Blacker	5	0	15	20

by Schuster, who doesn't even know which end of the cigar to put in his mouth.

### Outstanding Player

Might drop a few words about the Redlands tournament that didn't hit the papers. The lad who received the outstanding players' award was by far one of the most brilliant forwards in western basketball. I say "was" because he will be one for the rest of this season. The kid had his collarbone caved in while making a dive for a loose ball that would have meant the dif-

(Continued on Page 6)

The Redlands Bulldogs ran true to form Tuesday afternoon when they emerged victorious in the Southern California Conference cross-country meet. A fighting Tech squad gained second place, followed by Oxy third, and Pomona fourth. The scoring was Redlands, 25; Caltech, 51; Oxy, 56; and Pomona, 120.

### First Five Men Receive Medals

Ed Livengood of Redlands won first place in the four-mile grind with a time of 23:33.1. The Bulldogs had a stranglehold on the top spots, as Bud Jones and George Lebrecht placed second and third. Two Techmen, Co-Captains Jack Marshall and Don Peterson, ran their best races of the year to place fourth and fifth, respectively. The winners of the first five positions received medals for their long-winded efforts.

### Other Beavers Perform Well

Dick Cornelius and Doug Brown each passed Oxyman in the final drive for the finish line to finish in 11th and 13th spots. Mike Sellen completed the scoring for the Beavers by placing 18th.

Other Techmen to traverse the endless four-mile lung-buster were Larry Nobles, Don Asquith, Bob Adell and Erle Brown. Coach Bud Carroll and senior advisor Dock Hanes were heard expressing great pleasure at the fine performances of their charges.

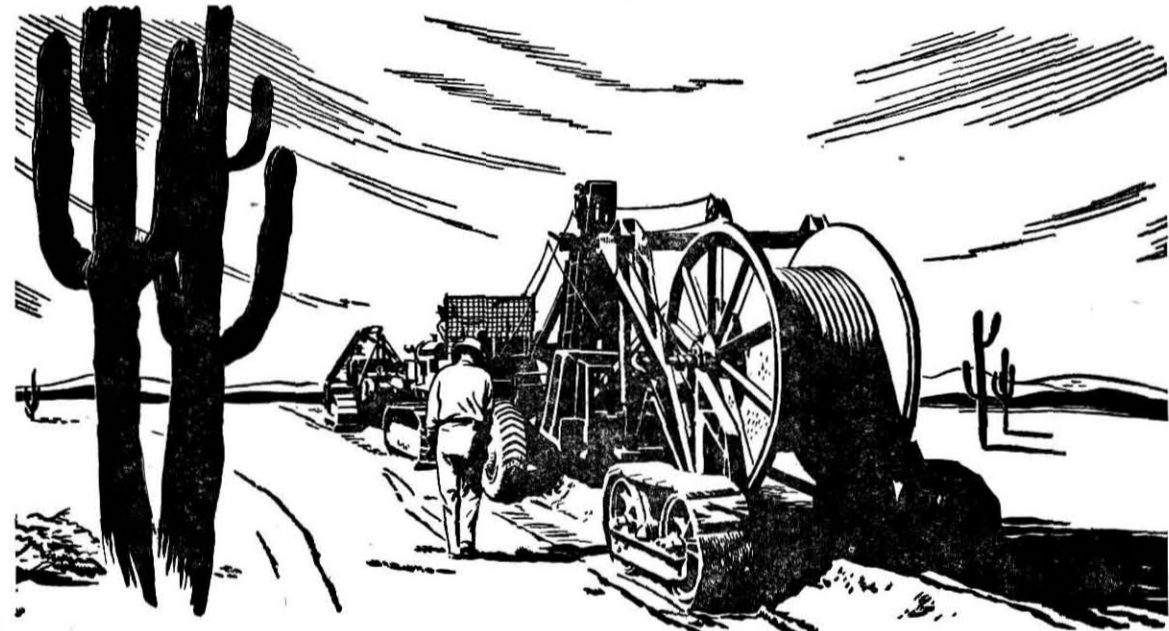
### Tech Frosh Win Preliminary

The Bevobabes, led by Bob Cobb, gained permanent possession of the conference frosh trophy by gaining first place in the three-mile run preceding the main event. This is the third year that a Tech freshman team has won the event, so the trophy will now reside permanently in Miriam's showcase.

Bob Cobb showed his heels to the entire field as he won first place with the excellent time of 17:27.5. Running a very fine race, Rich Smyth gained fourth place. Cobb and Smyth also were presented with medals along with Tanner and Creacy of Redlands, and Olshausen of Pomona. The score of the frosh affair was Tech, 34; Pomona, 39, and Redlands, 58.

Results of varsity meet:  
1—Livengood (R), 2—Jones (R), 3—Lebrecht (R), 4—Marshall (T), 5—Peterson (T), 6—White (O), 7—Moreman (P), 8—Turney (O), 9—D. Weed (R), 10—Beiden (R), 11—Cornelius (T), 12—Miller (O), 13—D. Brown (T), 14—Skelley (O), 15—Hill (R), 16—Hammond (O), 17—Laura (O), 18—Sellen (T), 19—Dunning (R), 20—L. Weed (R), 21—Maxey (O), 22—Nobles (T), 23—Batchelder (P), 24—Warren (O), 25—Asquith (T), 26—Abell (T), 27—Levering (R), 28—Ryberg (P), 29—Pitts (P), 30—E. Brown (T), 31—Thomas (P).

Results of Frosh meet:  
1—Cobb (T), 2—Tanner (R), 3—Creacy (R), 4—Smyth (T), 5—Olshausen (P), 6—Ord (P), 7—Bowerman (T), 8—Ward (P), 9—Tracy (P), 10—Edwards (T), 11—Davis (P), 12—Kurland (T), 13—Steele (T), 14—Campbell (P), 15—Sampson (T), 16—Warburton (R), 17—Newman (T), 18—Mason (R), 19—Lundhom (R).

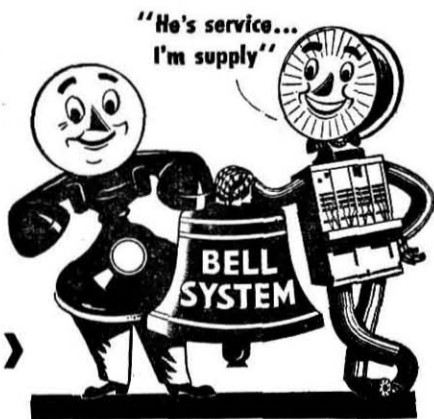


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# Debaters Place In Oratory Contest At Santa Barbara

## John Heath Carries Off a Fourth Place in Western Conference Speech Tournament

In the Senior Men's Oratory Division of the Western Conference Speech Tournament, John Heath placed fourth over a field of 25 schools with his oration: "Song of the South." A deep, resounding voice, a commanding stage presence—that maintained an unusually quiet audience, and a proven oration carried Heath through two preliminaries to the finals.

### Rudin and Brieman in Semi-Finals

In a field of 100 contestants, Bernard Rudin and Leo Breiman reached the semifinals in extemporaneous speech. In presenting a specifically assigned question on a problem in world affairs, Rudin maintained a fluency of speech that he had been steadily improving; Breiman scored with the emotional approach.

### Debaters See O'Neil

After the contest, the Debators were the guests of Santa Barbara at a performance of a Eugene O'Neil play, "Ah, Wilderness." The group was accommodated overnight in a beach home.

### Utah Tournament During Vacation

Irving Sulmeyer and Robert Smith will participate in a tournament at Salt Lake City on Dec. 29-31. A novel plan will be used in which teams from different schools will represent members of the United Nations in conference to discuss world problems. This will necessitate that each team be familiar with the problems of the country it represents.

In February, the debaters will be hosts at a co-educational speech tournament here. Also an extemp and oratory meet is planned at U.C.L.A. in that month.

### TALKIN' IT OVER

(Continued from Page 5)

ference between victory and defeat for Oxy. He knew he was going to get hit but he kept driving. His name is Gene Haas; he plays for the Tigers; he is a ball-player's ballplayer. Oxy lost that game and they also lost the key man on their team. Though most of you won't see him this season, next year he is sure to be back greater than ever.

The Goon's Award of the Week goes to Gene Haas, a close friend and teammate in high school, and a fine athlete.

### THE BOUDOIR BEAVER

(Continued from Page 2)

of the peace."  
"Here's a point," Carl supplied, "if our disappearance were not immediately understood, the family might call out the gendarmerie, establish a State-wide alarm, and have warrants sworn out for kidnapping, and violations of the Mann Act. I suggest taking a trusted buddy into confidence. The whole elopement could be planned in connection with a house party under his aegis, and then he could spread the glad tidings on the following day."

\* \* \*

Our words increased in pitch and tempo as we warmed to the subject. Every detail was carefully planned. Suddenly Dean jumped up, "Hold everything! We forgot the license!" The bull session turned to bedlam as we ransacked drawers and book-cases. When our excitement subsided and the dust had settled, Dean continued, "Gosh, I can see this will take a lot of planning; transportation, reservations, pretext, license, minister—what else have we forgotten?"

Pat grinned genially. "A girl—that's all. Wouldn't be fun eloping alone, you know. First we have to find a girl who wants to get married, and then a lot of girls look forward to a Big Wedding; of course, I like the idea of eloping..."

We leered savagely at Pat's complacent smile, turned to Tom's Sherry Sack, and stared gloomily into our glasses, convinced that the ONLY way to marry is to elope.

### WHEATON TROPHY

(Continued from Page 1)

talks by Dr. DuBridge, Dr. Stock and Coach Anderson.

Varsity Awards were presented in football to: John Burke, Lewis Grant, Milt Strauss, John Gerphide, Manuel Bass, Glen Chaffee, Lawrence Dahm, Doug MacLean, Don Baker, Craig Marks, Warren Marshall, Jerry Wozniak, Bill Muehlberger, Bill Boutelle, Don Hibbard, Dennis Long, Bob Funk, Bob Walquist, Fred Darms and Dick Schuster.

Varsity Cross Country: Jack Marshall, Don Peterson, Doug Brown, Mike Sellen and Larry Nobles.

Varsity Water Polo:

Bill Palmer, Bob Waters, Bill Stert, Fred Eimer, Bill Harris, Mike Hall, Bill Dixon, Al Eschner, Fred Schneider, Tom Waters.

### ASILOMAR CONFERENCE

(Continued from Page 1)

structively."

#### Outstanding Features

Some of the outstanding features in the daily agenda are as follows: the morning platform discover "Handles" by which series, led by Dr. Walter Mueller, is to be an interpretation of the Christian faith and its relevance to the issues of our world. A morning chapel service of corporate meditation and worship will be held in the Asilomar Chapel. The quiet hour will be to bind the whole experience and to allow time for meditation. The Evening Programs by noted speakers, the Student Christian Movement Night and the traditional New Year's Eve Party and Dance will occupy the evenings. Seminar discussions will be held each

### MAYBE NEXT YEAR

(Continued from Page 5)

mermen lost by a slim 9-6 score. Although not too strong in the win column this season, Bob Merrick and all of his men deserve a lot of credit for the fine job they did.

#### Next Year

Well, the fall season's over and the scores are down in the record books and the Athletic Office is very happy. Unlike other schools, our athletes don't want new Buick convertibles; they'll settle for 15 hours of final exams.

morning.

Last but not least is the recreation; in this Asilomar has no peer. Ping pong, shuffle board, badminton, tennis, swimming, dancing, hikes and scenic trips will all be available.

### NOVEL Y FORUM

(Continued from Page 1)

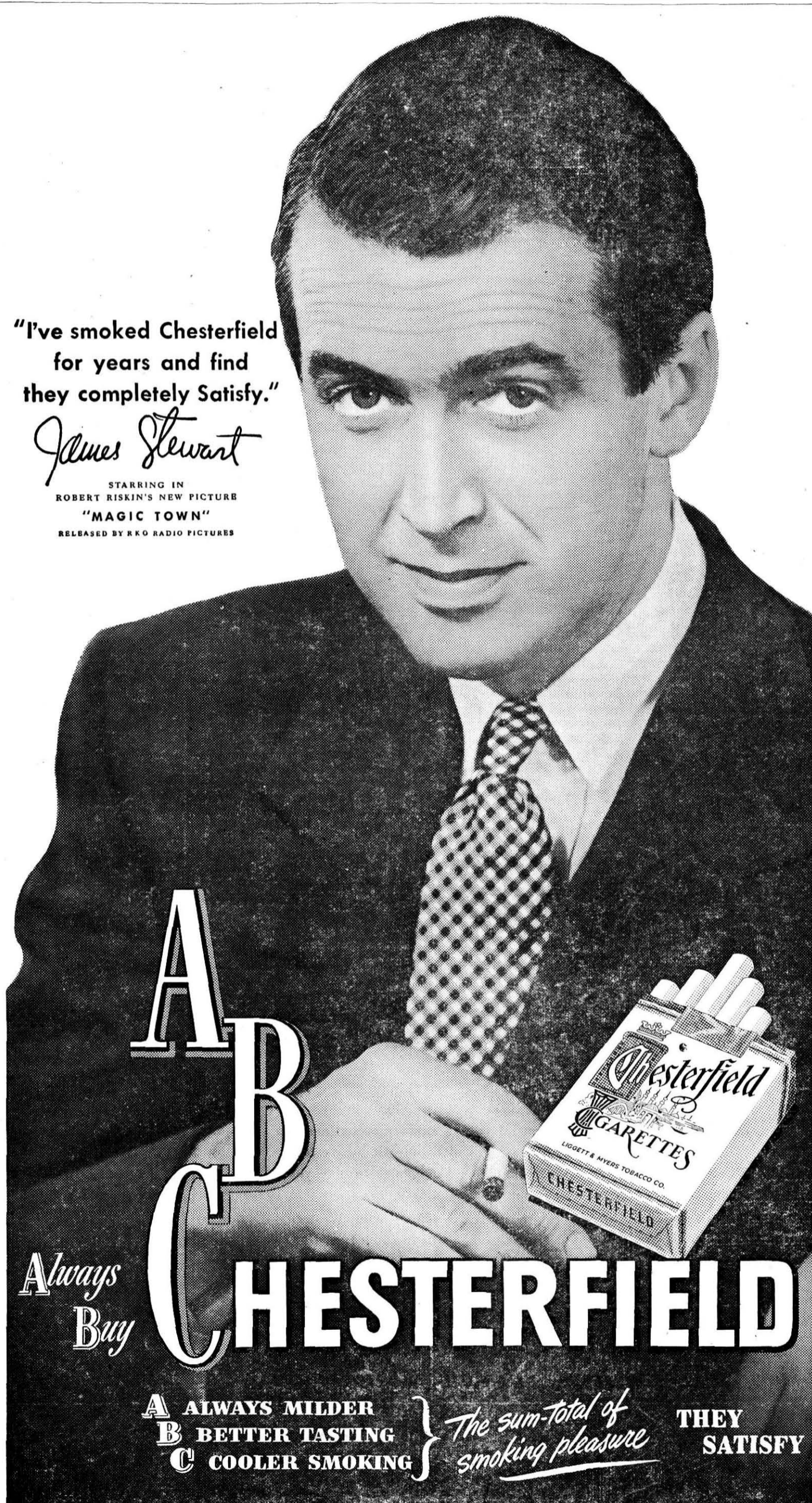
to even go out of doors; for his subject matter may be pure intellectual treatment of geometric forms.

#### Modern Art Can Be Understood

Mr. Scott scoffed at the idea that Modern Art is either hideous or difficult to understand, but its appreciation and enjoyment needs objective thinking. He suggested approaching a picture as an intellectual game.

It was pointed out that Modern Art is essentially in an experimental stage, and that we are in the unique position of witnessing the critical development of a new and more adequate medium of expression.

Reaction was unanimous in desiring another session with Mr. Scott in a more advanced treatment.



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*James Stewart*

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