NOTICES

ON, YOU GREAT BEAST!
All your turtle herds are evicted to a turtle race at Cal State at LA tomorrow. Starts at noon and you'll surely see your friendly neighborhood editor for details.

GO SEE JUDY COLLINS
next Thursday in Beckman. Tickets are only $1.50 and $2.00 for students; ASCIT needs the money! Brattle critic and man-about-town Rippy (no relation) Lieberman recommends her. She hasn't gotten sick yet, but when she does, we'll see her first.

SPRING BAND CONCERT
Techmen, remember the Caltech Band's SPRING CONCERT Sunday, May 2, in Beckman. Impress wives and lovers with Kleinsinger's "Tubey the Tuba" featuring John John-Tube-

BY RICH TEZAK
Not all information is gathered at the Pasadena site. Cars and freeways interfere with readings. (Continued on page 6)

SAINTS

THANKS to the combined efforts of the ASCIT Board of Directors, the administration, and the YMCA, a temporary memorial Beckman Auditorium has been adopted and approved. In an announcement made December 30, President Dutilleau presented the members of the Ad Hoc Student Committee for the Beckman Use Fee with their stipend and thoughts in helping resolve the problem. The Ad Hoc Proposals
At a meeting of students and faculty on March 10, certain proposals were agreed upon and the student leaders were urged to formulate a specific set of proposals. The following morning the Ad Hoc Committee, composed of Fred Brunswig, ASCIT President; Mike Cunningham, YMCA President; and Jerry Tynadale, ASCIT Activities Chair, met to agree on a proposal to modify use of Beckman. (Note: The Committee's proposals are included at the end of this article.)

Upon their agreement and submission, the proposals were approved by the Auditorium Committee and the administration. In Dutilleau's words: "In your report to Board of April 1 you have made proposals in line with the recommendations of the previous meeting. The Auditorium Committee has endorsed these proposals, and the administration hereby adds its endorsement and will have them implemented immediately.

Rehearsal Back-Pattching
"I want to extend my sincere thanks to you and your student colleagues for your thoughtful and considerate way in which you have worked with us to develop a plan which I trust will be fully satisfactory in assuring the fruitful use of the Beckman Auditorium."

In retrospect Fred Brunswig commented, "in view of all the bad feelings on the part of the students over the original Beckman policy, and the pressures they were bent on exerting to force its changes, I want to thank Dr. Dutilleau for his wholehearted, wholehearted, wholehearted acceptance of our proposal for a Beckman Policy. After all the time spent discussing the problem, I am confident the new student committee will work like a well coordinated team." Recommendations of the Ad Hoc Student Committee for the Beckman Use Fee

The Institute sets aside for the academic year a reasonable amount of money to be used in supporting student sponsored events in Beckman. This fund will be administered by the ASCIT Board of Directors, in accordance with the normal selection of events in Beckman Auditorium (Resolution V, ASCIT By-Laws). All requests must be directed to the ASCIT Board of Directors for approval. The Board shall be responsible for calling the necessary meetings of the Board. Proposals for use of the fund shall be submitted to the ASCIT Board meeting.

At the end of the academic year the Committee shall submit to the Institute a request for funds for the next year along with a detailed report of the use of the funds during its year in office.

(Continued on page 8)
Ax and Ye Shall Receive

Techmen and athletic managers, take heed. Coming to Caltech is a bully opportunity for you to establish intercollegiate contacts and to achieve fame, glory, and national prestige.

Millikan Library ground-breaking ceremonies are set for May 26. Barring strike, flood, or plague, construction will begin immediately—as soon as June 1, according to Wesley Hertenstein, director of physical plant. But before any exca-
vation can take place, somebody is going to have to level the Eucalyptus grove.

There are some practical aspects that will have to be ar-
ranged by the SPELEA—Son Pasqueo. Eucalyptus Protective Association—may prove bothersome. Certain rea-
sonable precautions will have to be taken so that one doesn’t accidentally level one’s roommate’s place.

Perhaps some form of timed interhouse competition may be arranged; if not on an Interhouse level, chopping can be done on a more individual basis.

Student apathy shouldn’t be a problem; by Memorial Day, when the May Weekend stretches over a week before finals—most of us will be in the ideal frame of mind for making kindling of Eucalyptus.

The Wonderful Ice Cream Suit

BY RAY BRADBURY

Two one acts, "The Wonder-
culous Ice Cream Suit" and "The Day It Rained Forever" open at The Play-
ter, Los Angeles.

It was a very exciting evening, very

different from those old high school

plays where the senior class romantic
 tended to fall ar-
ranged Eucalyptus into Bridge library.

Axes must be obtained (I6G has one power saw, but that’s cheating) and somebody will have to clean up the branches and debris.

Mention should be made here of the bids soon to be taken on Millikan. Prospective contractors must be in-
formed of the condition in which they will find the Millikan site. So, Caltech Eucylcyptus haters, today is the day to drop a note to the Tech expressing your interest; fame and glory are sure to be ours!

Iwo weeks

"Tech" Ends in Blaze of Glory

BY STUART GALLEY

Taking over where Wally left off last week (since he has a P-Chem lab write-up due Tuesday), I will describe the fun-loving ses-
sions that occur on Wednesday afternoon at the "Fishing sprint near

B-Breve. The conference was attend-
ed by members of SPELEA, objectively, and also included girls from USC, and UCLA.

Weir, Caltech psycholog-

ist, was the chief organizer; his aim was to set up a structure, in which people could actualize their creative potential more fully.

One group of students who participated view-

ed the conference from various standpoints. One expressed the view that the week-

end old new things towards creat-

ing a new society. Others thought that the principal achieve-
meng was to remove barriers and

promote the loss of inhibitions.

The whole group of about 50

(including the faculty who had

been invited — the Huff, the Langston, the Rogers, the Walos, the Rials, and Dick Feynman) was a cross section of Tech student groups. While one group was "moving in the pool house, off-
his whining" in the el-

low room, painting people with water "in the spirit of studying" or trying to stimulate their parties' subconsci-

ousness.

Others agreed that some singular things happened during the week-

end. When Joyce, the movement leader, said, "Until now we've been too interested in ourselves ver-

bally, now we're going to learn to

express ourselves physically; it's all going down on the floor," the results were interesting. It was in general a "breakthrough" ex-

perience that people began to feel most creative.

For now will forget Feynman's portrayal of an idiot

or his virtuosity on bongo drums, improvised from garage cains. There was much volleyball and many long moments of more intense concentration; the good was great; group spirit matched the way down at its finest; and of course Ed was left to the night.

(Continued on page 6)

at the ICE HOUSE

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Starting Tuesday, April 27

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Our Man in The Ivy League

BY ANDY BEVERIDGE

Ed. Note: Andy Beveridge transferred after his freshman year from Caltech to Yale. The following article will be supplemented, we hope, by others.

"We did make Gil-Mann an offer in the past two years... but when you consider that up to a few years ago the only decent people at Yale in science were a bunch of kids anyway...," stated the Director of the Yale Division of the Sciences with a wistful look in his eye.

The Director's statement points up the problems of old Eli's science. Yale does have a research center, and Yale is trying to bring its science up to where any Old Boy (alumnus) would be proud. With the end of the current building program in the sciences-over $30 million have been spent in various projects—Yale needs more. What Yale must have is a few giants in each area to bring the science division to an acceptable level, but real giants, in the words of the Director, are "pretty rare birds."

Turkeys without Fourniers "We have had some pretty pretty hairless turkeys around here, and you don't get much by pushing them," he continued. "There are still people here who think that chemical and physical aspects of biology are fads. We had to bring in outside committees to get some new men to break into these areas. It is an uphill battle all the way."

Ranked about eleventh or twelfth across the nation in physics and chemistry, seventh in math, sixth in astronomy, and unmentionably lower in other departments, Yale also faces yearly decreases in the number of pure science majors. This seduction of scientists—engineering majors are not taking up the slack—will be examined in later columns.

Until WW II Yale had a competent science division; afterwards, the bottom fell out. Few people were willing to come to Yale and the president, A. Whitney Griswold, discouraged federal money and other forms of institutional aid. By the end of the 1960s the trend was clear: Caltech, University of Chicago, Harvard, MIT, Stanford, and Princeton were receiving nearly all federal research grants.

Millikan is Shorter By the time more grants were finally encouraged, the scientific world was quickly passing Yale by. But Provost Brewster, now president, worked to get more money for Yale's physical facilities; now a new science center—an 11-floor tower for biology, an addition to the chemistry laboratory, a new geology laboratory, and a powerful electrostatic particle accelerator—graced Science Hill.

It was an uphill battle all the way.

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RADAR THAT SEES LIKE A FROG

Now there's a new radar system which, like the frog, can see everywhere without motion. It does three jobs simultaneously: searches the entire sky for missiles, pinpoints the location of targets already spotted, and sorts out real missiles from decoys. All in less time than it takes to blink an eye.

It's done by steering the radar beam electronically, and is the result of development work for missile defense by the scientists of GTE's Aerospace Laboratories. Producing a radar system as versatile as this is the result of the ever increasing emphasis on research by the GTE family of subsidiaries—research that stands as our solid base for future growth.

If you intend to take up any branch of communications as a career, General Telephone & Electronics is a good place to start. Information is available from your Placement Director. Or obtain details by writing to General Telephone & Electronics Laboratories, 730 Third Avenue, New York, N.Y. 10017.

GTE &

GENERAL TELEPHONE & ELECTRONICS


By Juan Largo

Are you classified? Are you tired of taking it in the ear from Teck? . . . of spending a pile your after year on your education? Try something refreshing, cool and clean. Try getting drafted! It will prove to be a new and unique experience... and it's free!

For a complete discussion of the issue read the feature articles in the current issue of Moderator (summer). The Moderator articles deal with the essential points of conscription and its relation to college students. Since most Teckers are college students, these articles have far-reaching importance, especially since our classification is at stake.

The classification of nearly all Teckers is II-S, which is the college student deferment, valid as long as one is engaged in a "reasonable course of study." Chances are that Caltech graduates will probably be deferred as engineers or scientists who are "essential to the industry." "Indoctrination" may refer to anything ranging from research and a faculty position to a position with the big corporations.

Get Married

For those of you who are still worried about the draft, the quotas are presently being filled with men from classification I-A (available for military service), I-A-O (conscription objector) available for non-combatant military service only), and I-O (scientists objector available for civilian service).

These conditions are a result of the order of induction given below:

First: Men declared disqualifying for failure to comply with the law who are 19 and oldest first.

Second: Volunteers for induction (in order in which they have volunteered).

(Continued on page 6)

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This beauty is red-headed Marni Nixon, who will be featured in the first of the Esquire's current concert series this Sunday at 1:30. Acclaimed for both her theatrical and classical singing and as an "adroit comedienne," her voice has been dubbed for Audrey Hepburn in "My Fair Lady" and for Natalie Wood in "West Side Story," among others. MAX Summer program will present the French Art Song, with work by Faure, Debussy, Bacheur, Barber, Poullenc, and Chausson.
Tech Thinclads
Smash Biola
and Riverside

The Caltech Track Squad now has a three-meet-winning streak going. In a meet at Cal Poly on April 17, the varsity walked away with a 71-70 victory. The combined varsity-frosh team handed Riverside a 110-60 defeat in a breath-taking finish while tempo-melting Biola by nearly 100 points in a double duel last Tuesday.

In the meet at Cal Poly Wyatt, Austin, Lamb, and Ludwig led off with a victory in the 440 relay. Cross and Miller then swept both the mile and 2-mile, and Gage won the high jump at 5’ 10”. Williams took second, and Paterson fifth. Gage went on to take the long jump at 20’ 9 ½”, and the triple jump with a leap of 42’ 1”, Blackinton took fourth in the shotput, and Austin tied for second in the javelin behind the$action_bar

Don’t make me laugh.

You mean to say, I could have bought that big, beautiful, luxurious, Dodge Polara, and I would have gotten a 383 cu. in. V8, foam seats, and all those other things at no extra cost?

Who’s laughing?

Win Giants
Page Bowls Over Fleming,
But Flem's Clinch Discobolus

Fleming virtually wrapped up the Discobolus trophy by trouncing Ricketts in basketball weekend. Fleming virtually wrapped up the Discobolus trophy by trouncing Ricketts in basketball weekend. Fleming virtually wrapped up the Discobolus trophy by trouncing Ricketts in basketball weekend. Fleming virtually wrapped up the Discobolus trophy by trouncing Ricketts in basketball weekend.

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Blackerm Clinches IH Basketball

By STEVE BLUMBACK

Blacker emerged as the only undefeated team in a week that saw several unusual intercollegiate basketball games. At least three games are worthy of mention because of the way they were won.

Page defeated Dabney Monday afternoon when the Dabner were held scoreless for fifteen consecutive minutes (excluding the entire second quarter) and amassed only 24 points during the entire contest.

Blacker Clinched Its IH Title

The wildest game of the week was held Saturday between Blacker take on Lloyd. The two teams scored a total of 121 points between them, far the highest total of the season. Blacker's 73 points makes one suspect that they played 15 minute quarters.

Last Thursday, Lloyd had the distinction of winning the closest game of the year. The Lloyd men beat Ricketts after the final buzzer as Hall scored a free throw on his second attempt. He had been foiled in the final seconds of the game.

By solving problems in astronomy, Air Force scientists expand man's knowledge of the universe. Lt. Howard McKinley, M.A., tells about research careers on the Aerospace Team.

ITE OFFERS $5 TO WORK IN EUROPE

Switzerland—The International Travel Establishment of Switzerland is offering a do-it-yourself summer in Europe that not only involves hands of deals, but actually makes a trip to Europe possible for less than $100, including transportation. Complete details, including a large selection of jobs in Europe, instructions and money saving tips may be obtained by writing to Dept. 9, ITE, 68 Horrenseasse, Vaduz, Liechtenstein [Switzerland]. Send $2 for the material, handling and overseas airmail postage.

Lost Tennis Team Loses

Despite a small mix-up the fresh tennis team finally managed to get together with their opposition and to play their match last Saturday. They were supposed to play Pomona, but nobody seemed to know where. While our eager Beavers were moving to the fair city of Claremont, the Pomona team made its appearance on the Caltech tennis courts. Fortunately, after frantic phone calls everything was straightened out and the fresh team came back to play here in the Vandenberg gym. (They did not want to look like they were running away in fear.) Maybe they should have stayed out at Pomona. The team came back to lose all but one of the matches. The lone victor for Caltech was Jeff Haight, who overcame his opponent 6-4, 6-1. His win might be attributed to the fact that he was captain of the team for this meet. If we had six captains, would they all win?

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Space Patrol

Here are some satellite predictions from the California Space Patrol. First is the Saturn I satellite, which will be 1st or 2nd magnitude, and traveling from west to east lowest in the southern sky.

Press Leaves

The Caltech Debating Team received an "excellent" rating in the Pi Kappa Delta Debating Fraternity convention in Tacoma, Washington, April 11-14.

Dave Close and Gary Scott represented Tech's Gamma chapter of the organization and introduced two resolutions at the convention, one dealing with newsgathering speaking rules and the other with the choice of the national topic. The former was passed by the student meeting of the convention while the latter was approved by the National Council of Pi Kappa Delta.

Close and Scott were recognized at the convention banquet with a certificate of excellence for their debate record of six wins and two defeats. Close and Scott won decisions over San Andreas State, which extends the length of California. This phase of the research program is sponsored by an NSF grant. Among the information gathered is data on the elastic properties of earth material and the rate of heat flow therein. Results of this research, Anderson explained, show that Los Angeles is currently moving northward with respect to the Mojave Desert. Differences in the kinds of rocks lying on the east and west sides of a fault are evidence of this movement.

Wendy Solano

While the recording instruments at the laboratory are located above ground, the actual seismographic equipment is buried deep in a wine cellar below the mansion. A seismograph is essentially a pendulum suspended from a shaft, which extends the length of California. This phase of the research program is sponsored by a National Science Foundation grant. Among the information gathered is data on the elastic properties of earth material and the rate of heat flow therein. Results of this research, Anderson explained, show that Los Angeles is currently moving northward with respect to the Mojave Desert. Differences in the kinds of rocks lying on the east and west sides of a fault are evidence of this movement.

Dodge the Draft

(Continued from page 3)

Third: Non-volunteers, 19-26, unmarried oldest first.
Fourth: Non-volunteers, 19-26, married, oldest first.
Fifth: Non-volunteers, 26 or older, youngest first.
Last: Non-volunteers, 18-19, oldest first.

Those who wish to maintain their U.S. deferment must register through the draft boards. The Selective Service Act, now a tradition, was first passed by a reluctant Congress in 1917 to meet the needs for World War I. The draft was scrapped after the war and remained dormant until 1940, when the first post-peace conscription law was enacted. When the war broke out, the term of enlistment was changed from 15 months to "the war plus six months."

The Selective Service Act was allowed to expire in 1947, when enlistments dropped precipitously. Hence, in 1948 the draft returned for another two years until 1951, when the Korean War broke out. It was subsequently renewed in 1955, 1959, and in 1963 by a House vote of 3873.

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