

# California Tech

Associated Students of the California Institute of Technology

Volume LXII.

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Number 20

## BOD Lists Proposals, Retires

BY CRAIG BOLON

"I, Bob Koh, do solemnly swear that I will support the By-Laws of the Associated Students of the California Institute of Technology, Incorporated, and that I will faithfully discharge the office of President to the best of my ability."

With these words, the 1960-61 Board of Directors adjourned for the last time, and the new slate of officers filled the Board desk last Monday evening, February 27. Overshadowing this drama, however, was the list of recommendations left by the retiring BOD.

The product of several Sunday morning meetings from the second to seventh week of the second term, this report left definite recommendations for changes in the ASCIT structure. It was formulated by five members of the old Board: Bauer, Zaidens, Pritchard, Leibovich, and Golden. Following are quoted the main proposals from the three-page report:

"The Social Chairman should place more emphasis on the ASCIT Social Committee (composed of the House social chairmen).

"The position of Representative at Large should be eliminated. The worth-while things which he does can be done by others." Bauer commented that the ASCIT Rep. office does not really fill its original purpose of encouraging freshman politics.

"The Business Manager should publish an ASCIT Calendar of Events, as provided for in the By-Laws."

### EXCOMM

"(A) This group should be eliminated because it never does anything. (B) BOD should exercise its right to appoint subcom-

(Continued on page 8)



"Hide the club, Murphy—we just want a good shot of you slapping his wrists!"

## Y Brings "Operation Abolition" Opposition Speaker To Tech

"Operation Abolition," the controversial film about student riots during the House Un-American Activities Committee hearings in San Francisco last May, is coming to Tech. The Caltech YMCA will be showing the film and presenting a speaker, Mr. Irving Hall, on Monday, March 6, at 7:45 p.m. in Culbertson Hall. Mr. Hall, Secretary-Treasurer of the Bay Area Student Committee for the Abolition of the HUAC, will present a point of view opposite to that of the film.

"Operation Abolition" is ostensibly a report of the activities of May 13, 1960, in San Francisco. On that day a group of students demonstrating against the HUAC hearings and requesting entry to the supposedly open hearing room were hosed and dragged down the City Hall

stairs by San Francisco police. (Many were arrested on various charges, but all except one were later acquitted.) Films were taken of the activities by two local television stations; these films, subpoenaed by the HUAC and edited by an organization known as "Washington Video Productions," became "Operation Abolition."

The film has been alternately praised and condemned by various groups across the country. To those who support the film it is seen to demonstrate the "Communist menace" which strikes everywhere, especially through vulnerable college youth; to those who oppose the film it is seen to demonstrate the dangers of overauthoritative committees like the HUAC, which are free to distort and falsify in the name of truth.

## Techmen, SC YW Girls, Scrippsies Play, Discuss "Sleep Of Prisoners"

BY DAVE BENSON

Techmen off for a weekend of talk and girls managed to tear themselves away from the ice-plant-covered campus late Friday for the YMCA-SC YWCA conference at the Firestone Boy Scout Camp. The stated purpose of the somewhat expensive (\$11) weekend was the reading and discussion of Christopher Fry's play, "A Sleep of Prisoners."

After a journey beset by evening traffic and wrong turns, the Tech contingent straggled through the oil fields to the camp. While registering we looked around. TV set, swimming pool, bunks with mattresses twice as thick as Student House variety and a large lodge with built-in kitchen and cooks provided the vista of physical hardship.

Wandering into the lodge with the cry of DINNER, we began tentative conversations in the ever-present attempt to find common grounds and levels of conversation with the SC girls

and faculty. After a dinner topped with frothy conversation, stalwart Carl Rovainen gathered chairs in front of the gas fire and the 20 Techmen, 12 SC girls, four Scrippsies and assorted faculty sat down to listen to the beginning of the play.

The readers, Dr. Wayne Rood from the Pacific School of Religion playing Meadows, PSR student Caryl Cotton as the Corporal, PSR grad Frank Thomas as David King and the Y's Al Green as Peter, first discussed the background of the play, the characters and the author.

Christopher Fry wrote this play in poetry to be dramatized in a church so he laid the action in a church during a war. The four men are prisoners of war being held in the church. Fry tries to use this situation to present the problem of man's inability to relate to man. The four POWs enter the church and begin laying the basis for the dreams to follow. David King, the actionist, is a "buddy to the quiet retiring Peter Able

without understanding him. The Corporal is also the youngest man and feels insecure in his position of responsibility. Meadows, the older man, is a homespun philosopher. The inability of David and Peter to like each other and Adams' immaturity, coupled with his affection for the older man, provide the basis for the dramatic action.

The first scene lays these basic conflicts and sets the mood for the dreams that follow. Each of the first three dreams "belong" to one of the four characters, although all the soldiers take part in each dream sequence. The dreams are based on passages from the Old Testament, the story of Cain and Abel, David and Absalom, Abraham and Isaac, and the "fiery furnace" of Shadrach, Meshach, and Abednego.

Friday night the readers blocked out the actions of the first scene and the first dream sequence while reading their parts.

(Continued on Page 2)

## Arndt, Pritchard Elected Prexies

Dave Pritchard and John Arndt were elected presidents of Blacker and Dabney respectively in house elections held last Tuesday night. Other Blacker officers are Art Johnson, secretary; Al Pfeffer, treasurer; and Dan Schwartz, athletic manager. No candidate for Pope received a majority. Dabney elected Vic Engleman, vice-president; team of Wendell Mendell and Dave Barker, social chairmen; Richard Peterson, treasurer; Don O'Hara, secretary; and team of Dave Osias and Julian Prince, athletic managers.

Blacker will complete its elections tomorrow, balloting on the remaining offices:

Vice-President: Ralph Shuey, Dave Kauffman

Librarian: Team of Al Huber and Mike Ball, Team of Steve Teigland and Bob Greenwald  
Social Chairman: Team of Dick Robertson, Tom Latham, and Tom Krueger

Nominations have been opened in all other houses except Fleming, where they are scheduled for next Tuesday with elections on the following Thursday. Lloyd will hold elections next Monday. Lloyd candidates are:

President: Gary Chamness, Peter Ford, Joe Heller, John Newmeyer

Vice-President: Tom Sallee  
Social Chairman: Team of Al Berman, Mike Lampton, and Phil Sokolove

Athletic Manager: Team of Al Gillespie, Wayne Huber, and Bob Ruddick

Ruddock will hold elections next Monday, voting on the following candidates:

President: Bill Farrell, Bill Hassenzahl, David Low  
Vice-President: Don Thompson  
Social Chairman: Team of Bob Gilman, Pete Laszlo, and Tom MacDowell

Secretary: Henry Abarbanel, Rupert Bell

Treasurer: Larry Gershwin  
Athletic Manager: Team of Steve Leppla and Bob Langsner, Team of Chuck Vinson-

haler and Bob Lieberman  
Librarian: Ray Green, Tom Lubocansky, Larry McClellan

Ricketts will vote tomorrow on the following:

President: Kerry Donovan, Neil Gretskey, Tom Slokbo  
Vice-President: John Curtis  
Social Chairman: Team of Joe Russo, Roy Riblet, and Bob McEliece

Secretary: Ken Larson  
Treasurer: Tom Bopp

Athletic Manager: Team of Will Saam and Harold Johnson, Team of Bill Rosenberg and Harold Thomas

Page will vote tonight on the following:

President: Tim Little, Geary Younce

Vice-President: Bob Hearn  
Social Chairman: Team of Bruce Cresbro, Frank Curtis, Jan Dash, and Pat Manning

Secretary: Dave Siegel  
Athletic Manager: Jim Geddis, Rick Weingarten

Librarian: Don Dick, Thor Hanson, Art Lipson

### EDITORS WANT WRITERS

This is, as we hope you will notice, the first edition of the **California Tech** under the editorial management of the "three-headed monster." Although hampered by little time for staff organization, we hope that this paper is an improvement. We know that there is a lot more that can be done to make this paper better. But we need your help.

We want and can use a much larger staff on the **Tech**. Less than ten years ago it was twice as big; the campus hasn't grown any smaller. News writers, feature writers, sports writers—there's room for your talents here at the **California Tech**. Drop by Monday night and join the team.

## Variety Keynotes 1961 Interhouse Sing

For the first time in history, seven Houses will square off for the Interhouse Sing. This historic event will take place tonight in the gym.

President Gary Walla will direct the men of Blacker in "The Vagabond" and "Jesu, Joy of Man's Desiring," not "O Come All Ye Faithful," as previously reported.

Dabney's Prexy John Lohman takes the baton to lead his House through "Every Time," "Lorena," and "The Soldier's Song."

Fleming will present "Johnny, I Hardly Knew You," and Lorena (where have I heard that before?), with Bob Moore doing the honors out front.

Lloyd House makes its singing debut under the direction of Vice-President Dick Thompson. The Lloydmen will sing "Shenandoah" and "Down by the Sal-

ly Gardens," and will in addition give the World Premiere of the frosh-authored "Lloyd House Song."

Page goes international with "Tara-Tantara-Teino," "Zion Hort die Wachter Singen," and "You'll Never Walk Alone." Gary Lorden directs.

Barry Moritz will attempt to preserve Ricketts' unbroken record of victories with "Miserere" and "In That Great Gettin'Up Mornin'."

Frosh Dave Helfman will guide Ruddock through "Eulogy," "Didn't My Lord Deliver Daniel," and "Sailor Chanty."

This year the Houses will be judged on their total performance, not on any single "contest number." The boredom of hearing the same song over and over again has been eliminated.

## Editorial

## ASCIT Changes

In its last action, the 1960-1961 BOD presented the results of a careful study of ASCIT organization. The purpose was to bring certain topics to light in order that they might be discussed, and after reading the report, I'm sure that extensive discussion will take place. For the most part, the recommendations presented are good—the major criticism of ASCIT in the past has been the inefficiency inherent in the structure, and if the recommendations go through, a step will have been taken towards streamlining ASCIT.

The section that must be most carefully considered is the suggestion for a change in the Bylaws. I think that the BOD should have the authority to authorize a recall election. The BOD is in the best position to evaluate the job done by its own members.

But the office of **California Tech** editor should remain an elective office—not a BOD appointive position.

In speaking to one of the Board members who worked on the report, I found that this section was formulated before this year's elections—at a time when there seemed to be no reason for troubling the voter by including an always uncontested office on the ballot. That the election **was** different this year did not bring about the elimination of the proposal relating to the **Tech**. My understanding is that its retention was only in order that the matter might be fully discussed. Fine. But let's not be so eager to streamline that we make the **Tech** subordinate first to the BOD and second to the student body.

It has always been my contention that the **Tech** should reflect all student opinion and not have to worry about following some pre-ordained dictum. That is what we intend to do and we would hate to have been deprived of the chance.

—ba

## YMCA Conference Talks About "Prisoners" Play

After the reading we were aghast at the attempt to discuss the play, especially as most of us had not read the play previously. In any case, with the purpose and intent of culling all we could out of the play, we divided into discussion groups, each consisting of a few students and faculty, with the actors roving from group to group to provide inspiration and a more thoroughly grounded insight. The discussions attempted to analyze the characters, consider second- and third-level meanings of the script, and hash out in more mundane words Fry's intents in writing this play. As usual, Techmen thought that Techmen and faculty provided the most illuminating comments, with occasional points made by the SC group.

After about an hour of either hot and lively arguments or slowly presented points, the roving Rovainen came through by announcing recreation time. Get-together activities are always somewhat silly, but unfortunately necessary. The conference attitude was to take it in good spirit and meet as many people as possible.

Immediately the card players, the faculty, and the folksingers retired to opposite ends of the

room to play cards, talk and sing until the singers got hoarse. So the more fortunate students went to explore the swimming pool or the Baden-Powell Centaph. Others retired to the TV set or to bed. The diehards played "slap" or helped Stan Klein type his philosophy of life into a grad school application. About 1:30 a.m. the few men remaining tried to break windows with a frisbee.

Saturday began with Rovainen screaming "Breakfast!" After the morning blur had cleared, we were able to see the usual Southern California forest of fire trails and scrub on rolling hills. Thoughts of a quick dip in the sun-warmed pool were quenched by the cry of "Play-reading time" from CR. With hopes of further understanding Fry's mystery, we listened to the first two dream sequences. I never function well in the morning and I gathered that the actors were much the same. The morning is no time for the rawer emotions.

The morning discussions also proved fruitful in raising further unanswerable questions like the position and purpose of the rebel in society.

From 11 to 12 we played vol-

(Continued on page 3)

## LETTERS TO THE EDITOR

## Campaigners' "Blue Slip" Brings Comments

Editors:

As you may have discovered by now you are out of your gourds. You put into the **Blue Slip** about one full week's work. That work, and its product, got you elected to the job of putting out a paper which, if you keep all your promises, should be more work per week than the **Blue Slip**. Your type never learns.

True enough that the end-play is the safe way to make the hand in the bridge column. Somehow though the double deep finesse, run twice, appeals to me. Declarer knows that he

has a club trick unless west has the A, Q, J, in which case he goes down. Still, the spectacular play is the pretty play.

Crossman's article was the only other thing I could finish in the whole paper. Put this down to a narrow set of interests if you will. I have talked the problem out with a few

others. We all seem to have the same complaint. Funny thing, though, we weren't able to read everything, but we read the whole paper between us.

I guess this adds up to congratulations for a clever little paper and well wishes for coming issue.

Steve Langley

## California Tech

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# NORTH CENTER

by The Lip

In all the discussions of undergrad life and its problems, one scarcely ever hears mention of what is possibly the most persistent non-academic characteristic of campus life: Interhouse enmity. The House partisanship exists and has on occasion exceeded mere rivalry is easily demonstrated. Some time ago, Doug Shakel came out in print with descriptions of the "personality" of each of the old Houses. These portraits ranged from faintly complimentary through slightly derogatory to downright insulting, and they drew Caltech's equivalent of the mass protest of an outraged citizenry.

Most important, however, was the form in which most of these complaints appeared; e.g., "Why, he got it all turned around—he gave an entirely incorrect accounting of X House!" Of course, Shakel left himself open to this sort of thing by lowering the boom least severely on his own place of residence, but most people were apparently willing to swallow whole his notion that the Houses did indeed have distinct personalities; the protest might have been near-inaudible had he emphasized the point that at least the subtler parts of the House personalities appeared different to different people.

In general, the undergrad is willing to accept a stereotype of each of the Houses, coloring "slightly" so as to see his own House's narrownesses or idiosyncrasies as somehow more noble and aspiring than those of the House across the courtyard, which he sees as, to put it politely, morally unjustifiable. Since neighboring Houses appear in a bad light, and since the House is the sum of its members, it is summarily contended that "all the guys in Yon House are (censored)," and at this point the whole situation becomes unpleasant. We are willing to make personal judgments about an individual on the basis of what we hear nithand about his House. Furthermore, what we heard about his House came originally from observation of other individuals. So we are making personal judgments on the basis of what we hear about somebody else entirely, who perhaps no longer even lives on campus.

I do not wish to exaggerate the significance of this sort of occurrence, but it must be admitted that such judgments are made, and with reasonable frequency.

Sometimes bad House relations arise from the snobbery of a few people, and lead to more snobbery on the part of a greater number of people. This is possibly the mechanism for the bad feeling which has been on-and-off with respect to the new Houses. Of late, some unpleasantness has arisen through the IHC — that organization the medium of, oddly enough, which is expected to smooth out Interhouse relations. If a couple of House presidents don't get along too well, proceedings come to a standstill, and for weeks entire Houses look at each other hatefully.

Correcting this situation is simply a matter of realizing that there are just as many different flavors of people within any House as there are within your

own House — just as many divergent interests, cross-currents of opinion, and, yes, personal antipathies. This extends even to relations between House presidents and their own "loyal oppositions"—i.e., consider how many individuals in your own House are completely different kinds of people from their president, and who may disagree strongly both with his stand on IHC issues and the way he runs his group.

Consider further how many people you can find within your own House who fit rather neatly into the pattern you have to one degree or another erected for another House, and vice versa. A timely example for this is the fact that the newly elected editors of this newspaper found active supporters in every House on campus, and that some of the strongest opposition was within Lloyd.

All on campus must feel a responsibility to air his carefully considered opinions, even when they agree with those of some resident of Abominable House, and even when they disagree with those of his own roommate. Our campus is by rights a single "cultural" community, not seven warring states! I sincerely wish for the abolition of all traces of the latter.

## Tech Drama Club Presents Saroyan Play This Friday

The Caltech Drama Club will present a reading of William Saroyan's one-act play, "My Heart's in the Highlands," this Friday evening at 8:30 p.m. in Culbertson. The production stars Jon Kelly and Phillip Mackie, and is directed by Drama Club stalwarts Bill Kern and Lois Crain.

The story is of a penniless poet, his son, and an old man who comes to visit them.

Although presented as a reading, the play is a full-scale production with lighting and props, being staged in much the same manner as was "J.B." Admission will be 25 cents.

## YMCA

(Continued from page 2)

leyball or cards or frisbee and forgot about man's self-imprisonment. Lunch past, the third session of reading and discussing past, a few adventuresome hikers, composed mainly of Techmen, Tech faculty and three of the four Scrippsies went hiking into the wild unexplored area behind the Scout Camp. After a few encounters with cows, deer and bees, and sighting three rainbows, we hiked back down the dusty path to the Valhalla of the conference.

In the evening the final presentation was slightly different. The last dream sequence, the "joint" dream, was first read and then "acted." The discussions were by this time more intense and solidly presented as the participants had learned what points could be made that would not be torn to bitties (small bits), and who could converse on what subject.

Saturday evening the planned activity was square dancing, which, with a little coercion, even Dr. Neber joined. The dances were all quickly taught and twirling of girl after girl provided high excitement until one began to realize that the dancers were leaving in pairs and, perhaps, it was time for you to do so, too. The night was mighty cold and damp, but the plethora of discussion nooks made lonely conversation comfortable.

Sunday the play was presented in its entirety. In unity, its impact finally came through the dense heads, and with a last-day feeling, Fry's purpose came alive in a way no one could discuss, but only feel.

Lunch, cleaning up, leave-taking . . . and we went home.

In any survey of a conference, it is difficult to portray the excitement, the interest in the subject of the conference and the social ramifications of meeting new girls. My hearty compliments to the YMCA, its secretaries, the Y regulars and irregulars who planned and organized this conference and especially to the egregious Rovainen.

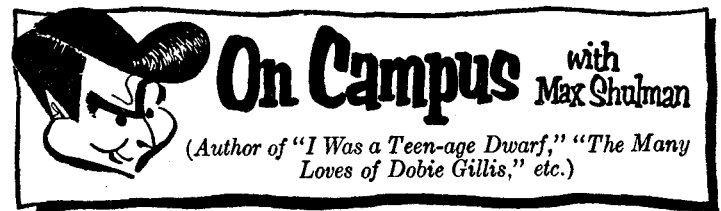
## AFROTC Drill Team Defeated in Contest With San Diego State

Caltech's AFROTC Drill Team was defeated in a straight-drill competition by the San Diego State AFROTC Drill Team on Saturday, February 25, by a score of 1056 to 923. San Diego was Western Area Champion last year, and won a Western Area Invitational at Tucson this year. The competition resulted from a challenge by the Caltech

unit, tendered after Oxy refused a similar challenge.

Caltech's team consisted of 20 cadets: John Todoroff and Captain Cary Stephenson also attended. The judges were an Air Force colonel and three Marine Corps drill instructors.

After the competition San Diego gave an exhibition of fancy drill.



### "LOVE IN REVERSE"

They met. His heart leapt. "I love you," he cried.

"Me, too, hey," she cried.

"Tell me," he cried, "are you a girl of expensive tastes?"

"No, hey," she cried, "I am a girl of simple tastes."

"Good," he cried, "for my cruel father sends me an allowance barely large enough to support life."

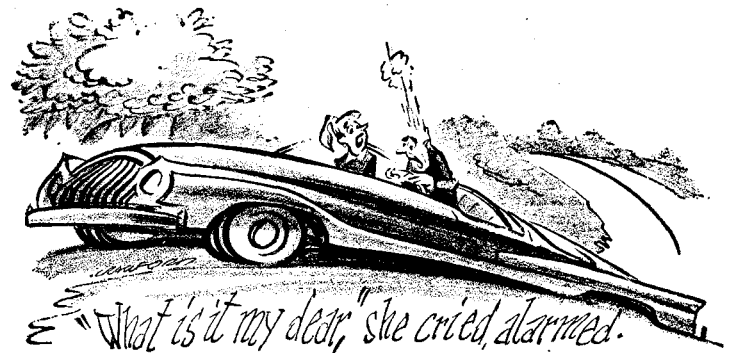
"Money does not matter to me," she cried. "My tastes are simple, my wants are few. Just take me riding in a long, new, yellow convertible and I am content."

"Goodbye," he cried, and ran away as fast as his chubby little legs could carry him, for he had no convertible, nor the money to buy one, nor the means to get the money, short of picking up his stingy father by the ankles and shaking him till his wallet fell out.

He knew he must forget this girl but, lying on his pallet at the dormitory, whimpering and moaning, he knew he could not.

At last an idea came to him: though he did not have the money to buy a convertible, perhaps he had enough to rent one!

Hope reborn, he rushed at once to an automobile rental company and rented a yellow convertible for \$10 down plus 10¢ a mile, and with many a laugh and cheer drove away to pick up the girl.



"Oh, goody," she said when she saw the car. "This suits my simple tastes to a 'T'. Come, let us speed over rolling highways and through bosky dells."

And away they drove. All that day and night they drove and finally, tired but happy, they parked high on a windswept hill.

"Marlboro?" he said.

"Yum yum," she said.

They lit up. They puffed with deep contentment. "You know," he said, "you are like a Marlboro—mild and fresh and relaxing."

"But there is a big difference between Marlboro and me," she said, "because I do not have a Selectrate filter nor do I come in soft pack or flip-top box."

They laughed. They kissed. He screamed.

"What is it, my dear," she cried, alarmed.

"Look at the speedometer," he said. "We have driven 200 miles and this car costs 10¢ a mile and I have only \$20 left."

"But that's exactly enough," she said.

"Yes," he said, "but we still have to drive home."

They fell into a profound gloom. He started the motor and backed out of the parking place.

"Hey, look!" she said. "The speedometer doesn't move when you're backing up."

He looked. It was true. "Eureka!" he cried. "That solves my problem. I will drive home in reverse. Then no more miles will register on the speedometer and I will have enough money to pay!"

"I think that's a marvelous idea," she said, and she was right. Because today our hero is in the county jail where food, clothes and lodging are provided free of charge and his allowance is piling up so fast that he will have enough money to take his girl riding again as soon as he is released.

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## Gratia Artis

reviews by bob poe

The current presentation of the Pasadena Playhouse is the West Coast premiere of a new play by Friedrich Duerrenmatt, entitled "The Deadly Game." At the age of 38, Mr. Duerrenmatt has earned a reputation as the most important contemporary dramatist in the German language; unfortunately, only a few samples of his talent have as yet appeared in this country.

"The Deadly Game," however, is not a pure sample: it is, in fact, a stage adaptation by James Yaffe of Mr. Duerrenmatt's novel "Traps." As theater, "The Deadly Game" is unusual, fascinating, and stimulating, although it lacks the majestic power which Mr. Duerrenmatt displayed in "The Visit." Where the latter play achieved a delicate synthesis of comedy and horror, Mr. Yaffe's adaptation seems more of a British mystery farce with occasional incongruous moments of profundity.

The theme of "The Deadly Game" is, as that of "The Visit," guilt and punishment. A small group of retired Swiss barristers meet three or four times a week to take their dinner and to play a rather unusual parlor game. Their game is to reenact the famous trials of history, each man taking his own part as prosecutor, defense attorney, judge, and executioner. Of course, owing to the genius of the players, the decision of this court does not always agree with the historical decision.

Now occasionally it happens

(as it does in the play) that accidents of weather and motor trouble bring a stranger to their dinner table for the evening, and then the character of the Court changes. If the visitor can be persuaded to play the game, he places himself on trial for any crime he has committed or that the prosecution thinks he has committed. His case is argued by the attorneys, and he must abide by the decision of the Court.

And so, as in "The Visit," certain individuals assume the mantle of Justice and devote themselves to punishing the unpunished guilty. And, as in "The Visit," the crime is natural and human, while the punishment is inevitable and inhuman.

The Playhouse has assembled a seasoned and thoroughly professional cast for this production. Sidney Blackmer has been suffering from an illness which has affected his voice, but the British members of the cast outdo themselves in compensation. Lionel Ames is fine as the stereotyped American salesman, but perhaps the stereotype is a bit overdrawn for an American audience. Felix Locher, who won the Swiss ice-skating championship in 1911, plays Joseph Pillet, who, according to the script, won the Swiss ice-skating championship in 1911. The smoothness of the technical effects in this production is largely due to the stage management by Mike Talcott, the crusading director of the Caltech Drama Club.

## Musical Notes

BY BILL HOWARD

I hope the following summary of random points for amateur male choruses may serve as reminder to those about to participate in the Interhouse Sing.

First a few notes in regard to **blend** — the style of vocal sonority that is associated with homophonic (choral) male chorus composition. A strong masculine tone production characterizes only the blend of better amateur men's ensembles, but a group free of strident or vibrato "stand outs" can achieve excellent blend, and having an effective "pianissimo" (very soft volume level) can yield an effective contrasting forte (loud) without ruining the tone production.

On the other hand, group singing doesn't mean covering up of individual blundering; although weaknesses (such as shortness of breath) may be reduced in ensemble work, the ignorance of one's part is not well hidden by the purely homophonic chorus, but rather results in a nebulousness of the chords and blemishing of the over-all blend.

A central maxim for this list may be stated thus: In ensemble singing having any aspiration to quality, one may not sing

merely to hear oneself, but must practice an active conformity, both to those in the group (to produce the blend) and to the director. This necessity for conscientious cooperation is difficult to over-emphasize.

The final item, which holds with musical presentation of any kind, is mention of the difference between performance of a work in order to demonstrate skill and performance for musical interpretation. I don't claim to have more than an embryonic opinion of the latter, nor do I suppose that it will greatly influence the picking of the winner of the Sing, since much of the chosen music is popular enough not to be subject to any one interpretational style. Yet it is worth being aware of interpretation, if only to keep directors' heads from swelling.

Two footnotes can be added. First, quartet singing is not as subject to blend as is the homophonic ensemble; the number of possible styles is too diverse. Second, the more ambitious Caltech undergraduate may see fit to add to the cooperation the individual's critical analysis of his own tone, the group's tone and volume production.

## Senior Discusses Preservation Of "Well Rounded Techman"

BY LARRY McCOMBS

As more and more high-quality applicants are found among the yearly crop of would-be Techmen, the Admissions Committee is trying to admit the mythical creature, "the well-rounded scientist."

When I was a frosh, our section was chosen to take a special English course because we had scored so high on the English College Boards. The following year two sections took the course. The next year the entire frosh class scored high enough to take it, and a new frosh English course was devised.

This is perhaps a natural tendency. When there are hundreds of applicants equally qualified in math and science, it seems logical to choose the man who has proven to be a Good Joe and a humanities snake as well. But, I submit, this is precisely the person who will flunk out of Tech. I have no access to figures, but I'll wager that the

flunk-out rate is going up with the rate of admission of well-rounded Techmen.

The pure snake who can study his option day in and day out is happy at Tech. The man with a few other interests is able to satisfy them, pass his science courses, and remain reasonably sane. But the man who has interests in a dozen fields and capabilities in all of them is exceedingly frustrated when Tech forces him to expend at least half of his time and energy in passing science courses.

It has been suggested that Tech expand its humanities department as an outlet for these people. I suggest that this is ridiculous. No person at Tech is able to take advantage of the range of humanities courses being offered now. He has too many required science courses to take.

I feel that there are two things which should be done to keep the well-rounded Techman at Tech.

The first will bring a howl of rage and anguish from nearly every student, but is an essential. Make attendance at classes compulsory. It's too damn easy to skip classes when you don't really care about them. Some sort of system could be set up in which classes meeting every day or four times a week would allow one cut per week; classes with two or three sessions per week would allow one cut every two weeks; and classes with only one session per week would allow one cut per half term. This would force the man with wandering interests to at least pass his required courses—for there are few Techmen who would flunk a course if they attended its meetings.

The second proposal is to set up a five-year program for the Bachelor's degree. This would, of course, be optional. The super-snake would have no need for this program. But the man whose interests are wide-spread

(Continued on page 5)



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# Close Finish In CIT-CHM Basketball Season-Cupper

**BY LIPPMAN & GEBHARDT**  
Caltech's basketball team finished its season last Friday in a well-fought but losing battle with Claremont, at Claremont. The Stags ran away with the first quarter — ending it with a 21 to 10 lead; CIT's cagers held even in the second quarter, dropped slightly in the third, and worked its way up to within eight points of victory at the close. The final score was Caltech 59, Claremont 67.

There were few rebounds in the first 10 minutes, as CHM outplayed a cold Beaver team all the way — though Noll dropped eight points through the hoop.

In the second 10, CIT got into gear, scoring 12 to CHM's 11. At the end of the half the score was 32-22 for Claremont. Throughout the half CIT played hard, but wasn't working efficiently as a team — the ball was lost on passes nine times! CHM's strategy, apparently, was to wear our players down by fouling them; it seemed that the refs missed many obvious fouls.

## DOWN AGAIN

In the first 10 minutes of the second half, the Beavers played rather slowly, taking lots of good shots but not hitting — with the result that they fell to an 18-point deficit by the half-way mark.

Our careful plays tended to work, and the quick ones flopped, though Bopp's occasional "saves" really sparked, and brightened up the game considerably. Tom did an exceptional job all the time he was in the game, as a matter of fact, exhibiting good shooting and passing, a nice layup and some really smooth interceptions — general reliability, in a word.

Arndt was alert, very fast, and terrific on defense; in the last few hectic minutes of the game he popped off an inspired long shot; Gerber dropped in a good layup.

## THE LAST-DITCH SCRAMBLE

With 20 seconds to go and Claremont ahead by only six points, a personal foul was

called on Brown — but CHM's man missed the free shot. Next came a hassle which resulted in a jump ball, and again a foul on CIT: this time there were two shots, and two baskets; then the buzzer.

In improving their position from an 18 to an 8-point deficit the Beavers justified the fairly large number of personal fouls called on them—exactly the reverse of the first quarter situation.

Captain Bill Ripka was clear-and-away the team's "sane player," excellent on long shots and defense, and seemingly the initiator of the aforementioned "careful plays" which were so effective. Catastrophic for the last few minutes' superhuman efforts was the fact that Rip fouled out with 1.5 minutes remaining.

## FROSH GAME SCORES

	1st half	2nd half
CIT	16	57
CHM	34	63

# Ruddock Tops Blacker;

Monday Ruddock defeated Blacker in a discobulus basketball game, 39:30. Ruddock led from the beginning with freshman Joe Weis serving as high scorer (12 points). The win places Ruddock in second place in discobulus standings with 10 points. Ricketts is still in first place with 16. The standings are:

Ricketts	16
Ruddock	10
Page	5
Fleming	5
Blacker	5
Dabney	2
Lloyd	1

Lloyd has the next challenge and has challenged Ruddock in football, volleyball, and rifle shooting.

## McCombs

(Continued from page 4)

would find his interests in science being saved by the chance to spend a good proportion of his time in courses chosen from the humanities and other sciences than his major. Even under such a five-year program, the possibilities of our present humanities department would not be exhausted. There would be no worry about expanding the department.

Unless these measures, or ones like them, are put into effect the Admissions Department is going to continue to be surprised by the high flunk-out rate among its potential well-rounded scientists.

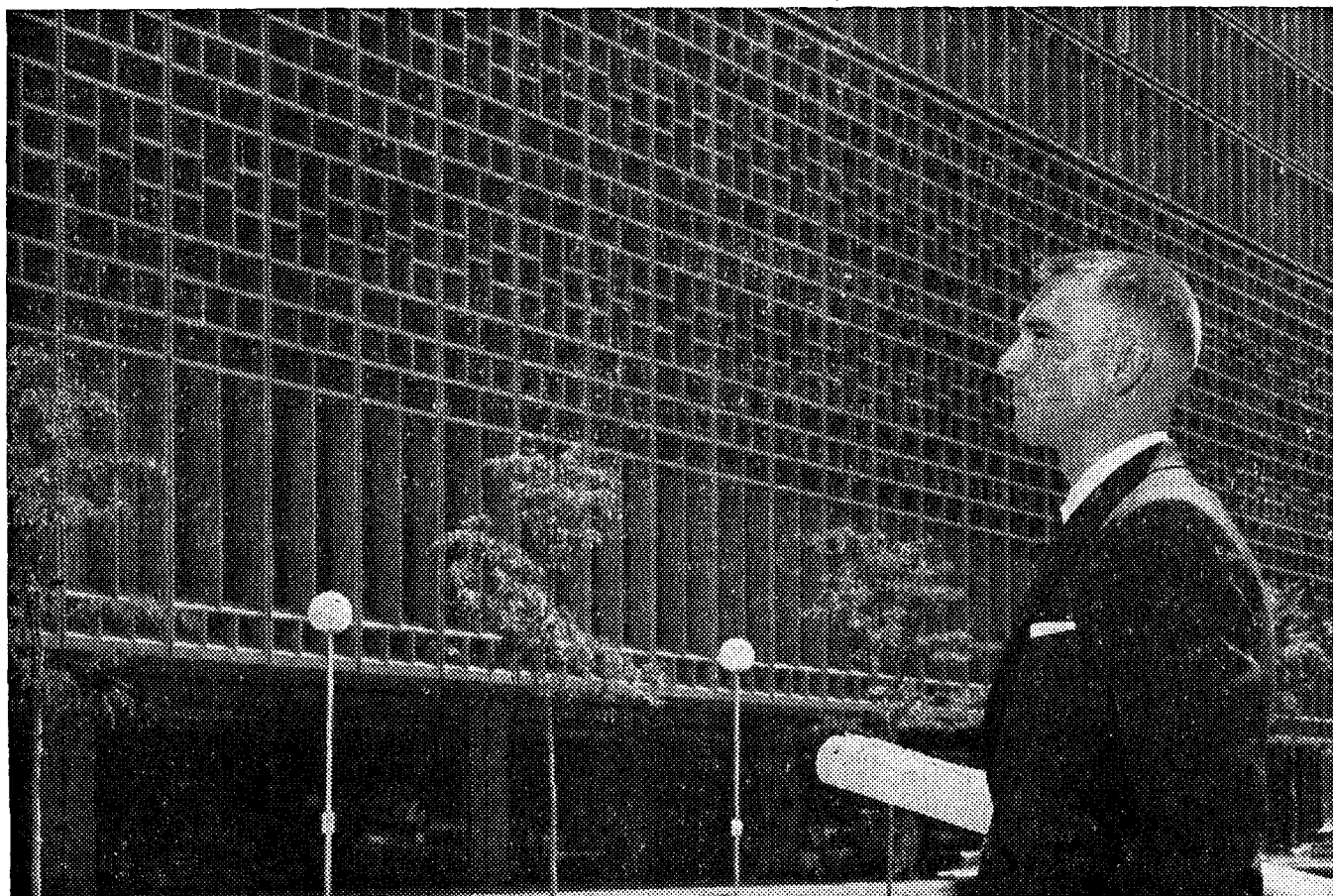
# House Teams Vie In IH Ball

BY PETE FORD

This week marks the beginning of the Interhouse football season. Traditionally, IH football is played third term, but this year about half the games will be played second term. This new schedule was designed so that there would be more field space available for the increased number of Houses. Practice started two and a half weeks ago, simultaneously with the annual squabble between the athletic managers and the PE department over whether or not credit will be given for the first week of practice (the athletic managers annually lose). By the end of last week, all Houses except Page were practicing in full strength.

Interhouse football has added interest this year because of the closeness of the Interhouse trophy race. Four Houses — Ricketts, Ruddock, Dabney and Lloyd — are still in the running with fourth-place Lloyd a mere seven and a half points behind first-place Ricketts. A first-place finish by any of these four will do much to improve its chances for the trophy, and it's a sure bet that all are out for blood.

Page, despite its obvious lack of enthusiasm for practice, looks like the team to beat. It has an impressive stock of experienced IH football players who made the move across the Olive Walk last year. Dabney must also be considered a threat on the strength of its victory over Ricketts on Monday. All of the other Houses are fielding relatively good teams, so the chances of surprises and upsets are good.



## "FIND THE ANSWER, JIM—AND BRING IT BACK"

When Jim Boardman took his B.S. in Electrical Engineering at Colorado State, there was one idea uppermost in his mind. He wanted a job in which he could work his way into management via the engineering route. As he puts it, "I didn't want to stick with straight engineering all my life."

After talking to eight other organizations Jim joined The Mountain States Telephone & Telegraph Company. He soon got the kind of action he was looking for.

His first assignment: How best to improve widely scattered rural telephone service all over Colorado—a sticky engineering challenge. He was given a free hand to work out his own procedures. His boss simply said, "Find the answer, Jim—and bring it back."

Six months later, Jim turned in his recommendations. His plan was accepted.

Next stop: Colorado Springs. Here Jim worked out a plan to expand telephone facilities for this burgeoning community. This plan, too, is now in operation.

Today, at 24, Jim has an important role in planning where, how much, and what kind of telephone service is needed in the Denver area.

Here's how Jim puts it: "We get tough assignments—but we also have the freedom to take hold and do a job. I think the future here is unlimited. If a man wants to do it—it's there to be done."

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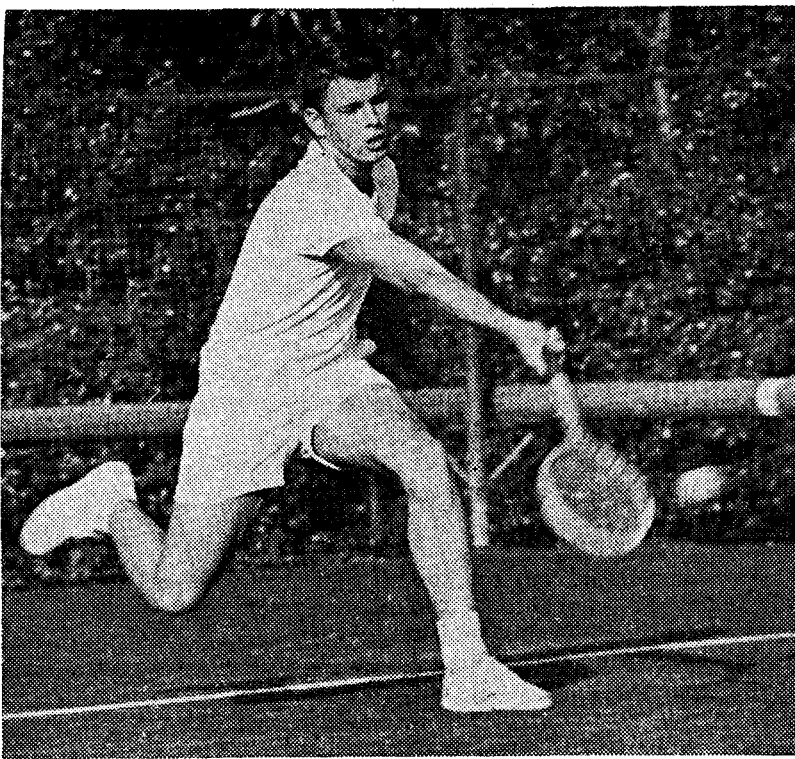
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## Tech Tennis Mixed: One Lost, One Won

Tech won one and lost one of its last two tennis matches in league play. The winning match was held last Saturday against Whittier, while the losing match was held last Thursday against University of California at Riverside.

Last Thursday's losing match scores were:

### SINGLES

- 1—Dick Hess (CIT) vs. Dave Gallup (UCR), won by UCR, 6-2, 6-0.
- 2—Dave Zimmerman vs. Guy Archambault, won by UCR, 6-1, 6-1.
- 3—Dave Owen vs. Rich Baumer, won by CIT, 6-1, 6-1.
- 4—Bob Hearn vs. Robin Garthwaite, won by UCR, 4-6, 7-5, 6-3.
- 5—Ted Gibbs vs. Mike Gaynor, won by CIT, 6-3, 6-0.
- 6—Frank Curtis vs. Ken Grant, won by UCR, 6-4, 5-7, 7-5.

### DOUBLES

- 1—Hess-Zimmerman vs. Gallup-Archambault won by UCR, 6-4, 7-5.
  - 2—Owen-Curtis vs. Grant-Turner, won by CIT, 7-5, 6-4.
  - 3—Plaut-Ruddick vs. Helmick-Baumer, won by CIT, 6-4, 8-6.
- Final score was CIT, 4; UCR, 5. Bob Lin, team manager, remarked that UCR's first and second singles, Gallup and Archambault, were good, while the remainder of the team was not so good.

Last Saturday, against Whittier, CIT won 6½-2½. Individual scores were:

### SINGLES

- 1—Hess vs. Trowbridge, won by CIT, 6-4, 6-2.
- 2—Zimmerman vs. Bryant, won by Whittier, 6-3, 6-3.
- 3—Owen vs. Morf, won by CIT, CIT, 6-2, 6-3.
- 5—Gibbs vs. Rhone, won by CIT, 7-5, 5-7, 6-2.
- 6—Curtis vs. Pfeister, won by Whittier, 6-2, 3-6, 6-4.

### DOUBLES

- 1—Hess-Zimmerman vs. Trowbridge, won by CIT, 0-6, 7-5, 6-4.
- 2—Owen-Curtis vs. Morf-Zemansky, won by CIT, 4-6, 6-1, 7-5.
- 3—Plaut-Ruddick vs. Rhone-Pfeister, tie, 11-9, 4-6.

The reason that the score ended at 6½-2½ was due to the

third doubles match, decided as a tie because of darkness. 6-3, 6-4.

4—Hearn vs. Zemansky, won by

## Track Results

The track team traveled to Claremont last Saturday to compete against four other teams in the annual Conference Relays. The teams entered were Whittier, Caltech, Redlands, Pomona, and the host team, Harvey-Mudd. The understaffed C.I.T. varsity squad was unable to cope with the more experienced opposition and finished fifth with 12 points. The frosh team did better, scoring 26 points for a fourth place in the Freshman competition.

The hero of the day for the frosh was George Radke who captured a first in the discus and a second in the shot put, scoring a total of 9 points. Bill Schoene contributed a third in the Javelin and in the running events the team of Dennis Holt, Ed Lee, Jack Calma and Oliver Weaver took a third in the distance Medley and a fourth in the mile relay while the team of Jim Baumgartner, Bill Spring, George Radke and Lee Peterson took a fourth in the 440 yard relay.

John Letcher was high scorer for the varsity with a second in the high jump. The varsity's other points were won by John Waever in the Pole vault and by the 440 yard relay team of Jim Klett, John Lindsey, Vince Hascall, and Geary Younce.

## barBell

BY LON BELL

**Winter is here!** (Regardless of what the weather man says.) "Winter," my friends, is defined as a great opportunity to try out a group of drinks that are first-rate for an evening of partying in the snow country . . . or even a local event, if your social chairman has low blood pressure and/or is thin-skinned.

One of the best drinks, and fortunately one of the easiest to prepare, is hot buttered rum. This is a drink that warms the body as well as the soul, and appeals to most everyone. Recommended procedure: in an 8-oz. cup, mix one teaspoon of hot-buttered rum batter (e.g., Trader Vic's) and two-thirds cup of hot water; add an ounce of light Bacardi or Ronrico, and top off with a half teaspoon of butter.

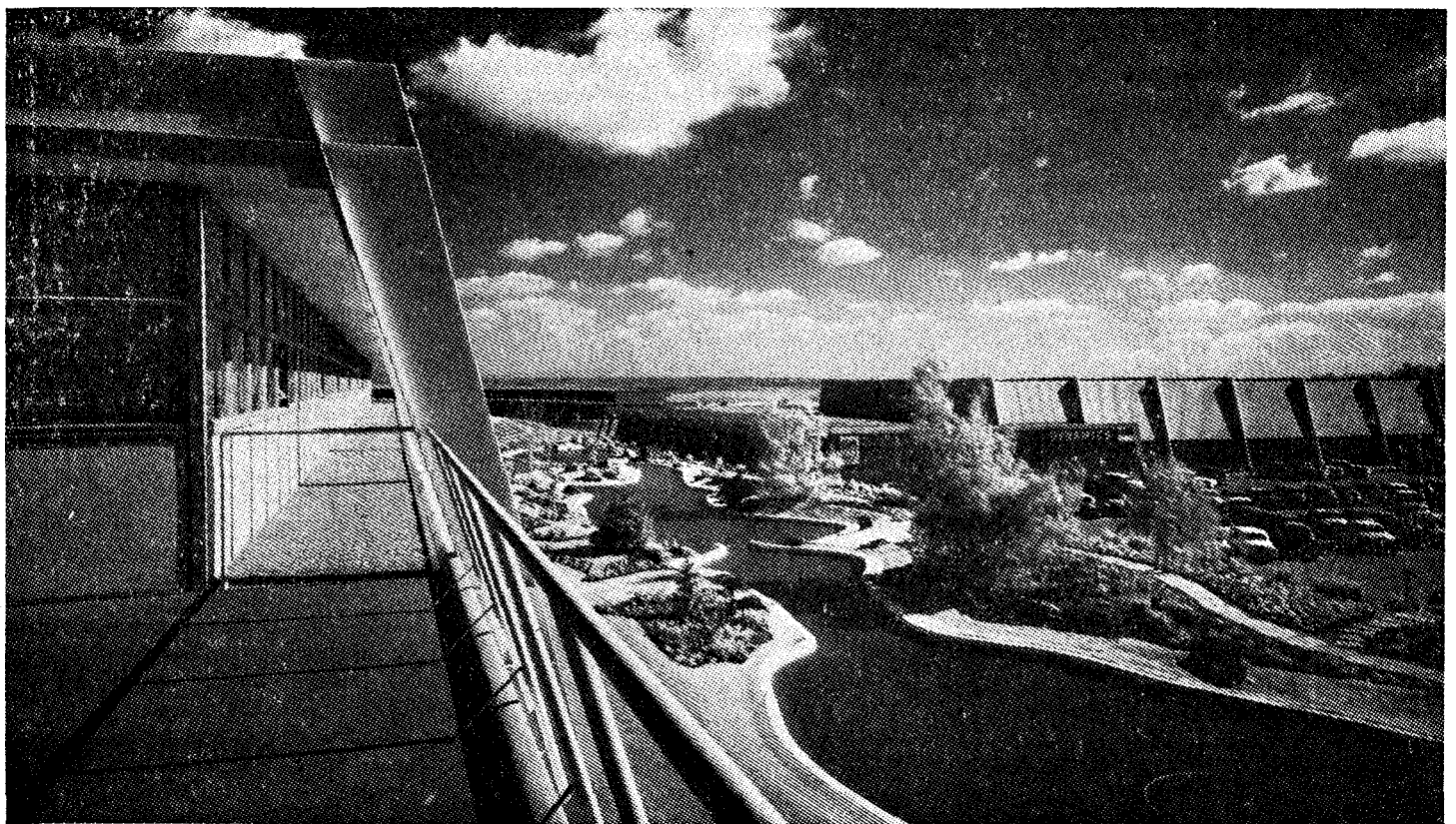
For those that don't feel in the mood for an alcoholic drink, mulled cider can usually fill the bill. This again is very easy to prepare and very tasty. Heat the cider to near boiling, with 3 to 5 cloves per mug of cider, and pour into mugs with a cinnamon stick for each customer.

There are very few hot punches that are drinkable, makable, and (equally important) "within the budget." I have come across one that is relatively easy to prepare, and that looks-and-tastes great. It is known as wine wassail or Old-Guard Punch, depending on your affiliations. The punch is made with:

- 3 cups apple cider
- 2/3 cup sugar
- 2/3 cup blanched silvered almonds
- 2/3 cup seedless raisins
- 2 sticks cinnamon
- 24 whole cloves
- 1 sliced lemon

1/2 gal. claret or burgundy  
Stir the sugar into the cider until the sugar is dissolved; add the nuts, raisins, spices and lemon. Then boil the whole brew for five minutes. Add the wine and heat to near boiling.

Serve in punch bowl with large peppermint stick. If you really want to make it fancy, add a jigger of brandy and serve in cups, each with a small peppermint stick.



## Environment for Exploration

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Here, engineers and scientists work in a creative atmosphere on other advanced programs, including the MGCR gas-cooled reactor and closed-cycle gas turbine system for merchant ship propulsion . . . TRIGA reactors for training, research, and isotope production, which are now being installed on five continents . . . small nuclear power systems . . . test reactors . . . nuclear power for space vehicles . . . thermoelectricity . . . controlled thermonuclear reactions.

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# Festival Provides Fine Folk Listening

BY JOHN D. CROSSMAN

In marked contrast to the ill-fated Jazz Festival, the 1960 Newport Folk Festival was a great success. In its second year, the Festival attracted most of the major names in folk music. Those, as myself, who were fortunate enough to attend, were treated to three days of concerts, panel discussions, and impromptu music making.

Vanguard has captured some of the highlights of the Festival on two records: VRS-9083 and VRS-9084. These two records are a worth-while addition to any folksinger's record collection not only as a source of new material but also as an introduction to new singers. These comments apply also to last year's Folk Festival Records: VRS-9062, VRS-9063, and VRS-9064, also on the Vanguard label.

### VOLUME ONE

The first volume of the 1960 Folk Festival records starts, quite naturally, with Pete Seeger. Pete, who more than any other single person, is responsible for the folk song revival, sings three of his favorites: **East Virginia Blues**, **In the Evening**, and **Hieland Laddie**.

The next artist featured can best be described as moving. John Lee Hooker, Mississippi-born, keeps alive the tradition of the great Negro blues singers. He sings three songs on this album: **Hobo Blues**, **Maudie**, and the haunting **Tupolo**.

Alan Mills, "the voice of Canadian folk song," and his magnificent fiddle accompanist Jean Carigan, add three French-Canadian songs to the proceedings along with Mill's own **I Know an Old Lady**.

Tom Makem makes a vain attempt at playing the bagpipes, but then (backed by Pete Seeger and Eric Weissberg) gives an authentic rendition of two Irish ballads, **Johnny I Hardly Knew Ye**, and **The Whistling Gypsy**.

Jimmy Driftwood and the New Lost City Ramblers complete the first volume. Driftwood, who is famous for composing **The Battle of New Orleans**, sings in his quaint but enjoyable style **The Unfortunate Man** and **Old Joe Clark**. The New Lost City Ramblers, a group consisting of Tom Paley, John Cohen, and Mike Seeger (brother to Pete Seeger), are dedicated to the revival of "old-timey" music from the period of the 1920s and '30s. Unfortunately, this recording does not catch the Ramblers at their best.

### VOLUME TWO

Volume two opens with rising - young - executive - turned-folk-singer Bob Gibson with Bob Camp and other sundry accompanists. His songs are polished and somewhat commercial, but good.

Ed McCurdy needs little introduction at Caltech. His volumes **"When Dalliance Was In Flower"** have long been favorites in the Student Houses. At Newport, however, he toned down his songs in deference to the old ladies of that town (reportedly as bad as the Pasadena variety).

One of the biggest off-shoots of the folk music revival is the fantastic interest in a new folk form, Bluegrass Music. Bluegrass music got its start only a decade ago with the band of Bill Monroe. Bluegrass is a direct outgrowth of traditional

(Continued on page 8)



### THE SPRINGHILL DISASTER

This song was written by Peggy Seeger and Ewan MacColl after the terrible mine disaster in Springhill, Nova Scotia, in the latter part of 1958.

In the town of Springhill, Nova Scotia,  
Down in the dark of the Cumberland Mine.  
There's blood on the coal and the miners lie  
In the roads that never saw sun nor sky,  
The roads that never saw sun nor sky.

In the town of Springhill, you don't sleep easy  
Often the earth will tremble and roll  
When the earth is restless, miners die,  
Bone and blood is the price of coal. (twice)

In the town of Springhill, Nova Scotia,  
Late in the year of fifty-eight,  
Day still comes and the sun still shines,  
But it's dark as the grave in the Cumberland mine. (twice)

Down at the coal face, miners working,  
Rattle of the belt and the cutter's blade  
Rumble of the rock and the walls close round  
The living and the dead men two miles down. (twice)

Twelve men lay two miles from the pitshaft  
Twelve men lay in the dark and sang.  
Long hot days in a miner's tomb,  
It was three feet high and a hundred long. (twice)

Three days passed and the lamps gave out  
And Caleb Rushton he up and says,  
"There's no more water or light or bread  
So we'll live on songs and hope instead." (twice)

Listen for the shouts of the bareface miners,  
Listen through the rubble for a rescue team;  
Six hundred feet of coal and slag  
Hope imprisoned in a three-foot seam. (twice)

Eight long days and some were rescued,  
Leaving the dead to lie alone.  
Through all their lives they dug their grave  
Two miles of earth for a marking stone. (twice)

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# Mayer Talks On Man, State In Poorly Attended Dabney Speech

BY STEVE LUNER

Last Thursday in Dabney Lounge Milton Mayer, social critic, political essayist, professional liberal, spoke on "Man and the State." He appeared at the invitation of the YMCA and was introduced by Robert Nason, its president, to an audience of about 25 undergraduates and 20 grad students or local citizenry. He spoke for about an hour through the left side of his mouth, stating the paradox that was his subject as distinctly and animatedly as ever a problem in political philosophy can be stated and then answered questions from the audience for about 10 minutes.

Mr. Mayer, in his monologue to decide which of the man and the state is the means and which the end observed that every society, whether real or devised by a philosopher, is girded and threatened by anarchy on one side and totalitarianism on the others. He traveled through time to speak with J. S. Mill, Socrates, and the Apostles Peter and Paul and emerged in each case with the same conclusion, "It begins to appear to be on page 12 that man exists for the state, where on page 11 the state existed for man."

Mayer then devised a method of attack for the problem. If the state exists for man, then man must have inalienable rights, there must be an inviolable line drawn beyond which the state must not pass. Working on this basis it is clear, he observed, that we come into the conflict with the right of the state to protect itself against clear and present danger. If the state cannot trespass upon the right of free speech then Justice Holmes can with impunity stand up in a crowded theater and shout "Fire!" If the state cannot interfere with religion the Latter-Day Saints might still be practicing polygamy. If the state cannot deprive citizens of liberty without due process of law then the Japanese-Americans living on the West Coast might not have been sent to concentration camps during the war.

Some of these acts of the state are difficult to attack yet some are difficult to defend and it is in the end the state itself, which is to be the judge of whether or not it is threatened. Thus there are no inviolable rights at all, for the state can be led to assume a non-existent threat stands against it by panic, as

Korea led to McCarthy, or by racial bigotry, as was the cause of Germany's mistreatment of the Jews and America's mistreatment of the Nisei. From this there is only one conclusion, concluded Mayer, "Every state that ever was and ever will be is in essence totalitarian . . . Our quarrel with the Soviet Union is a quarrel in degree and not in kind."

From the beginning of his speech where he snarled, "I shall make no remarks snidely or otherwise about the utility or non-utility of a technological education," he proved a highly entertaining speaker, taking on perhaps 10 allegorical roles from his satirical repertory to skillfully illustrate his points. Yet he seemed to say actually little that his audience did not know already. His talk seemed more like the chanting of a liturgy than like an instructional lecture. He must be judged on his voice quality, which was as snide as you could ask for, and on the emotion he expressed in his words rather than on their meaning which although inspired and profound were old.

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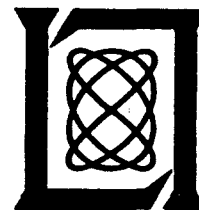
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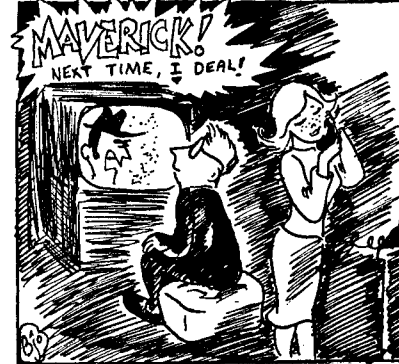
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# CAL TECH



## BOD Plans

(Continued from page 1)

mittees to investigate specific problems as they arise." This will undoubtedly be one of the first major issues to face the new Board.

### BY-LAWS

(A) The BOD should be able to initiate recall proceedings against any corporation officer by a two-thirds vote of the entire Board. (B) The Board of Directors shall appoint the California Tech Editor.

"The BOD should consider having the student body vote on whether it wants to have a **Big T**. It should consider spreading the responsibility around to the Houses if it will be difficult to get one out otherwise."

### FROSH OFFICERS

"ExComm recommends that the BOD not appoint Freshman Class officers at the beginning of the first term. Instead, the section leaders should conduct class business until second term elections." Many felt that arbitrarily appointed "neat guys" don't really inspire responsibility, are not efficient, and don't adequately develop the potentials of the incoming frosh.

### THE OLD ORDER

At the last meeting of the old Board, just before the installation of officers, several budget problems and the election returns were discussed. The "Student Council" amendment, even discounting the really care votes, failed to extend its simple majority to the required two-thirds. In compliance with the ASCIT By-Laws, all write-in votes were discounted, making the plurality in the Social Chairman vote a majority.

Expenses for ASCIT activities this year were generally under the estimates, while income was

Beak, Back, Billions Bellow Bravo. Yes, Virginia, there is a Beak... Anon.

### HAPLESS HEDONIST HORRIFIES HOSTESS

It is two past the witching hour when stillness returns to the scene; the last Flemingo has tottered off, and the intrepid hostess was battenning down for the night. Armed with a toothbrush, she sallies forth to perform the evening ablutions. The calm is shattered by a scream. "Eh?" queries Mob Boore, lately somnolent upon the throne. Let us pass over the gory details; suffice it to say that the Boore was returned to his nest, minus his dinner, the digestion of which was completed by the garbage disposal in the kitchen. **EGAD!**

When Wild Bill Howard has a blind date, anything can happen. Construe: He is in Santa Monica; his date, in Claremont; the Orgy, in Pasadena; Transportation, in limbo. Okay, so he gets to the party, with date; naturally, when one is late, one must work fast to catch up with the crowd. So she works too fast—greater than expected. A sur-

plus still exists of about \$5000. It was suggested that ASCIT Dance Class, an annual \$900 item, be eliminated because of declining attendance, or be subsidized for the first term only.

### THE NEW ORDER

The new Board held its first short meeting following the installations. Headed by Bob Koh as President, the new members present were Dean Gerber, Vice-President; Art Robinson, Secretary; John Golden, Treasurer;

## Brewins

good circulation, but slow liver. Now he is outside a dorm at Pomona; the door is locked; it is late; he doesn't know what to do; she is a little foggy herself. It is now lunch in Lloyd; a bleary Howard rises to his feet: "Information leading to the recovery of my date's dress will be appreciated." As will, no doubt, prayers for the recovery of his sanity.

### KERRY KREMATED

According to Mr. Wizard's Science Secrets, the Techman's Bible, aerosols of flammable substances can go Phoomph. For experimental verification, Beak refers the serious student to Kerry Donovan; he will peer at you through singed eyelashes and intone, "When in the course of human events it becomes necessary to sweep sawaust from a lounge floor, do not sweep it into the fireplace; if into the fireplace, turn off the gas." Otherwise you, too, will be in a position to speak knowingly of the insides of fireballs.

### 'SNO SNOW, 'SBLOOD

Reports coming back from Lake Arrowhead tell that Black-Pete Metcalf, Social Chairman;

Jon Kelly, Activities Chairman; Jim Sagawa, Business Manager; and Don O'Hara, Representative at Large.

Most important of the issues discussed was the opening of applications for the 11 appointed officers listed on pages 146-147 of the current **little t**. Most outstanding of these are **Big T** and **little t** Editors and Business Managers, ExComm members, and Business Manager of the **California Tech**. The same pages

er's snowless snow party went precisely as planned.

Nobody was surprised when Steve Mastin was the first and most spectacular to land on his rear end while ice skating. Nor was anybody surprised when Mike Townsend's girl was seen wearing a Blacker House pin.

On the other hand, Gary Walla was quite surprised when approached by a private detective with a flash-light, while parked on a lonely mountain road, and told to move on.

Awards were given to Dave Drummond for the most sleep acquired over the weekend, and to Dick Norman for the least.

### FOOTPAD FLUSTERED

Safari Sam, already on double probation with good Dr. Hunter-back after lone expedition into Heart of Hilgard, goes merrily developing finger dexterity on Page House locks. Frustration rises at single virgin door. Heedless gay blade finally yields to passion. Gratifying sixth click turns knob to open door, revealing interested, purple-faced RA. Sam last reported seeking shelter in Westwood.

listed tell what these officers do and how to apply. Applications will be accepted as soon as the blanks arrive.

Budget estimates will be accepted beginning the first week of the third term. All new and old organizations wishing ASCIT financial support should be sure to make application. In reference to a point in the old BOD recommendations, the new Business Manager will try to circulate an official ASCIT Calendar.

...by Bjo

## frets, frails

(Continued from Page 7)

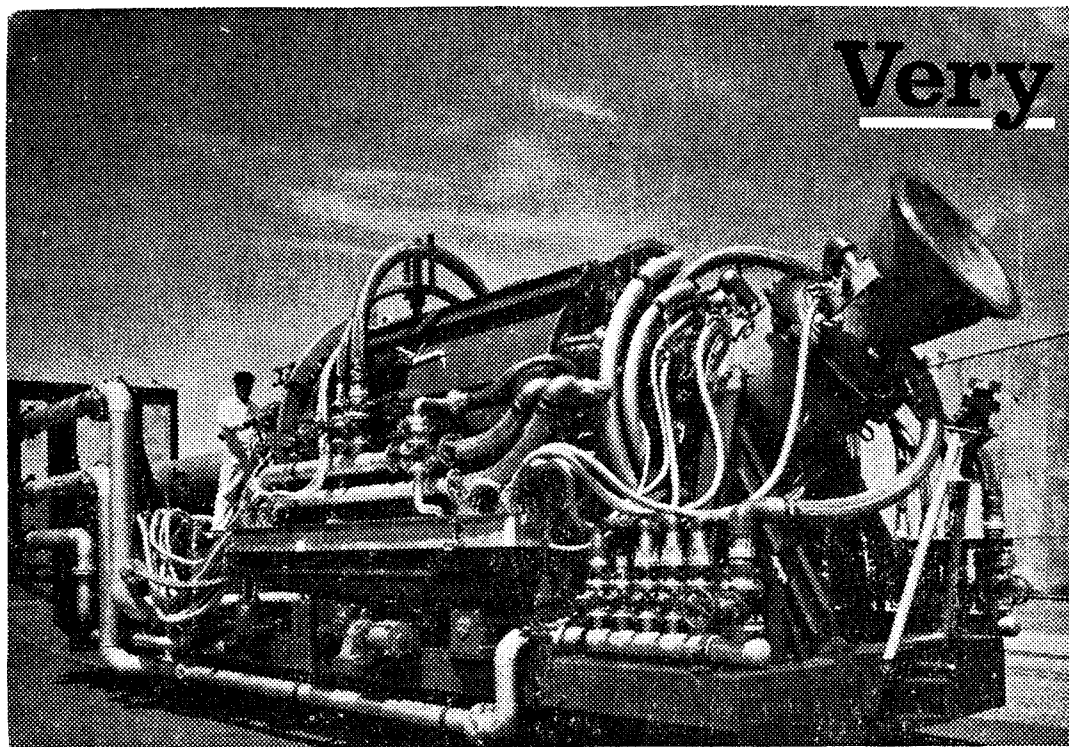
Southern mountain music styles, its two most distinctive features being that it has no electrified instruments and that it uses the five-string banjo for lead or background in all songs. The usual Bluegrass band consists of five instruments, the banjo, guitar, mandolin, fiddle, and a bass. The best proponents of the Bluegrass style are Lester Flatt, Earl Scruggs and the Foggy Mountain Boys (all one group). They do four songs on the Newport album, all of which they have done better on other occasions. However, one cannot miss the fantastic virtuosity of Earl Scruggs, who is rightfully referred to as "the best five-string banjo player in the world." Scruggs is known and revered among banjo pickers as the inventor of (strangely enough) Scruggs-Style, a method of picking involving the thumb and first two fingers of the right hand.

To close the discussion of the Folk Festival records we have another member of the Seeger family, Peggy. Peggy can play the banjo and sing much better than her brother. Unfortunately, she spends most of her time in England and is thus unknown to American audiences. Here we find her with the great Scottish folk singer, Ewan MacColl. I feel that Peggy and Ewan provided some of the most exciting music at the festival. I have chosen one of their songs to present this week. I think you will find that picking out the notes on your instrument or on a piano will help you learn the melody before you confuse things with the chords.

I will welcome any comments, questions, or suggestions for future material.

## Totem Needs Your Talent

Help! Totem could use some good poetry, stories and especially glossy photographs suitable for a cover. Send your products of those highly creative moments to David Benson, Blacker House. If you would like your stories or photos back, send along a little note asking same.



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high radiation flux level which itself leads to severe heat transfer and radiation damage problems. Because the operating temperature exceeds that at which most conventional structural materials fail, the core itself consists of bundled tubes of sintered uranium and beryllium oxide fabricated with central holes for continuous air passage.