

There Is Nothing
Like a Dame. . .

The CALIFORNIA Tech

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Except Maybe
Two of Them

Volume LXXI

Pasadena, California, Thursday, March 5, 1970

Number 20

Fisher Elected; Sec'y, Treasurer and Editors in Run-Off Monday

Bob Fisher was elected ASCIT president in runoff elections Friday. Other officers determined were Alex Seita for Director of Student Life and Doug Duncan and Greg Sharp for Directors-at-Large. The offices of ASCIT secretary and treasurer will be run off Monday as well as run-offs for TECH Editors.

The TECH editorial team run-off will not be held Friday, as was scheduled, because of the By-law requiring one week between the closing of nominations and the holding of elections. The BOD could not raise a quorum for the scheduled meeting last Friday evening.

Chosen in previous elections were Lorne Schachter for Director of Academic Affairs; Leonidas Guibas for ASCIT vice-president; Don Smith, IHC Chairman; Craig Broskow and Doug Fay, Social chairman; May Kay and Ron Horn, Athletic Managers; Paul Sand, Activities Chairman; and Dave Green, BOC secretary.

At the February 23 meeting of the BOD, Honor Keys were awarded to Marc Aaronson, John Bean, Jim Beck, Bill Bradley, Tom Carroll, Mike Felland, Bob Fisher, Leonidas Guibas, Derry Hornbuckle, Stephen Horner, Chip Smith, Mike Stefanko, and Pete Szolovits.

Receiving Honor Certificates were: Bruce Ault, Ben Barker, Dave Brin, Bill Butterworth, Dennis Dibartolomeo, Reuben Epstein, Jerry Feinberg, Jim Fuhrman, Ralph Graham, Dave Green, Phil Isaacs, Tom Joseph, Berto Kaufman, Ian Kling, Paul Levin, Mike Muskin, Carl New, George Nicolaides, Terry O'Neill, Bruce Penrose, Lee Pilachowski, Glenn Prestwich, Harvey Rishc, Ed Schroeder, Glen Spain, Alan Stein, Mike Turner, Bernie Unger, Paul Wegener, Paul White.



LOST WEEKEND is coming! The largest coeducational activity of the year is slated for modification and reappearance third term.

Modern Dance Company Coming to Beckman

In four short years, the Repertory Dance Theatre has become a major force in American modern dance. This unique company of young, enthusiastic, thoroughly professional modern dancers, will perform for the third successive year in Caltech's Beckman Auditorium in Pasadena, on Saturday, March 14 at 8:30 p.m.

RDT is America's only repertory modern dance company. They make their home at the University of Utah in Salt Lake City. Ecstatic reviews from the New York press (Walter Terry, Clive Barnes) followed from their recently completed eastern tour.

Now on display in Dabney Lounge is a whimsical showing entitled "Art from the Junk Pile." The exhibition consists of 20 constructions by Ellis Quimby, a product designer from La Canada. The works are not the intellectual challenge normally found in modern art. The artist has instead made his pieces with an eye toward the "ability to make someone happy for a moment or two." The subjects are jokes, puns, or sentimental thoughts.

The professional touch of a commercial artist is evident throughout. While the material allegedly came from the junk pile, it was a designer's junk pile. There are no rough edges or rusty spots. The works are bright and clean, often looking like a three-dimensional magazine layout.

The exhibit only takes a few minutes to go through. Next time you're in the vicinity of Dabney Hall, drop in and have a look. It's a fun exhibit. The display will be there until March 13th.

Scientists to Discuss Technological Change and the Human Condition

In his inaugural address last October, President Harold Brown said, "As part of our effort to find ways in which to help solve the problems of the nation and the world — particularly those for the creation of which science and technology must bear a substantial responsibility — we plan to hold during 1970 a series of four conferences, each in its way exemplifying an interaction between science and technology on the one hand and human behavior and society on the other."

The first of these four conferences will be held on March 16-18 when Caltech hosts leading scientists from around the world in a conference entitled "Biological Bases of Human Behavior." Other conferences will be: "Technological Change and Population Growth," May 6-8, "Technological Change and Human Environment," October 21-23; and "Technological Change and Economic Development," December 2-4.

First Conference

Robert Sinsheimer, chairman of the division of biology, who is organizing the first conference, says the scientists will review only that which can be said with confidence at this time about the evolutionary, genetic, and biochemical origins of individual behavior. One of the purposes of the conference is to generate an interest in biology and human behavior among professional people, particularly in the southern California area.

Among the areas discussed in the

Faculty to Discuss Phys. Ed. Requirement

Berto Kaufman

Monday, March 2 — The Academic Policies Committee today discussed the matter of the physical education requirement. The upshot of the meeting was that this committee will be involved in formulating a recommendation to the Faculty Board.

Also present at the meeting was Bradford Sturtevant, associate professor of aeronautics and chairman of the Faculty Committee on Athletics and Physical Education. He reported that his committee "has been thinking about this since last fall," and, partly due to the E.P.C. poll on the P.E. requirement, has undertaken a study and evaluation of the entire P.E. program at Caltech.

Wait for Study

In conversations with me Thursday, he said that recommendations, if any, on the requirement would certainly have to wait until this study was complete. At that time he had no estimate of the time this would involve. He felt his committee should study the matter before any other committee unless that other committee was prepared to do a better job in studying the program overall.

In particular, such information (he strongly objects to the word "data" in that it implies complete-

ness) as his committee has should, he feels, be confidential. This information would include the results of the current P.E. department poll, such information as exists on grading in P.E. classes, and a list — admittedly incomplete and semi-random in selection — of other schools and their requirements which he has compiled.

A.P.C.; A.P.E.

With the A.P.C. today, however, he apparently had a change of heart, and offered fullest cooperation. The wisdom of this will certainly be appreciated.

Advocates of abolishing the P.E. requirement tend to prefer the now-likely consideration by the A.P.C. over study by the A.P.E. committee for several reasons. First, with students sitting in this issue is not likely to disappear into committee, never to be seen again. Second, the A.P.C. members seem to view with greater caution such propositions as the absolute necessity of physical education and the general desirability of rigid requirements, particularly those enforced by the threat of expulsion.

Something of a Draw

Evaluated in terms of pro- and anti-requirement forces, today's decision was something of a draw. The A.P.E. committee will proceed with its study. Sturtevant has been asked, however—by Professor Charles DePrima, chairman of the A.P.C.—to make at least an interim report soon, and there is a consensus of the A.P.C. that this issue will not be put off beyond a reasonable time, probably third term this year.

If the decision was a draw, the crowd was at least partially partisan. Most found expulsion as a penalty for no P.E. to be like a nuclear weapon: only effective if never used. There were even some — not all students — who found an educational system at this level that requires P.E. a little hard to take seriously.

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News Briefs

Night to Invade Day

Drs. Harold Zirin and Spencer Weart will be spending this coming weekend in Puerto Escondido, Mexico, observing the total eclipse of the sun this March 7. They will be measuring gas temperature and density in the chromosphere at various elevations.

The point of totality will not be visible from Pasadena, thus eclipse watchers are especially reminded to take precautions to protect their eyes. Use of a very dark piece of glass is recommended. Better still, observe the image of the solar disk formed by a telescope on a piece of paper.

Mobile X-Ray Unit Coming Tomorrow

The Pasadena Tuberculosis Association has arranged for a Mobile X-Ray Unit to be on campus tomorrow from 9:00 a.m. to 4:00 p.m. There will be a charge of \$2.00 per X-ray. Reports will be issued a week or two after the film has been developed.

Coins of Another Realm At March Numismatic Society Meeting

Richard J. Trowbridge, FRNS, FABNS, will speak on Coins of England at the March meeting of the Caltech-JPL Numismatic Society. Mr. Trowbridge is currently president of the American British Numismatic Society and of the Long Beach Coin Club. He specializes in English coinage and is thus eminently qualified to speak on the subject.

Free refreshments will be served, and a coin auction will be held after the meeting if interest warrants. The usual doorprize drawing will be held. The meeting will exist in 168 Church (Caltech), Wednesday, March 18, at 7:30 p.m.

Win Some, Lose Some

Seven freshmen have left the Institute since September, according to Dr. David Wood, Dean of Freshmen. This figure includes those who have taken leaves of absence.

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Courtesy Margaret Stone
©Medical Economics

Editorial

Common Sense and PE Requirement

President Lyndon Johnson acquired the reputation of an unpopular President. Polls indicated that Johnson had sixty percent of the public against him, although not all for the same reasons.

Similarly, the current physical education requirements have acquired the stigma of unpopularity. The EPC poll, which included over four hundred undergraduates (over four-sevenths of the student body), indicated a sixty percent or greater disapproval of the manner in which the physical education requirement currently works. The poll which the faculty Athletics and Physical Education (APE) Committee sent out will probably show similar results.

When a survey as inclusive as the EPC poll produces a trend as definite, saying that something is wrong amounts to a tautology. Why, then, does this sentiment of landslide proportions exist?

Flaws mar the entire structure of the present physical education program. What follows lists a few of the more commonly expressed ones:

1) If attendance practices in such academic classes as math lectures or physics recitations emulated the rigidity of those established by the P.E. department, the entire student body would be before the Academic Standards and Honors Committee pleading for their lives. If one can learn a rigorous science without being compelled to attend every class, why can one not learn a sport without fear of missing an occasional class?

2) An hour of practice a week may not seem like much, but it dwindles to insignificance beside the amount of studying and homework a student here must do in order to keep up academically. Then the unfortunately conscientious student must rush to get his practices in. Another hour a week of scheduled class might prove more satisfactory.

3) The classes offered bear little correlation to many of the things students would like to take, according to the polls.

These objections apply regardless of whether one basically favors or opposes some sort of physical education requirement. Arguments can be made either way: on one hand, a P.E. requirement would be an integral part of the educational process, but, conversely, physical activity should be a matter of individual choice.

We do not pretend to have any sort of answer to that dilemma, but we do feel that the present physical education requirement represents a failure to provide the kind of program those not involved in athletics would like and need and, as such, an unwarranted imposition on the students. We feel that no requirement is preferable to the present system, and that no requirement should be imposed until massive reform has been implemented.

Philip M. Neches
Ira D. Moskatel
Paul A. Levin

Throop Beat

All Honorable Men

by Etaoin Schroedlu

The Campus Parking committee hasn't quite gotten started yet, but an amazing amount of interest is being generated among Techers and CIT employees alike. Several people have asked me what the progress has been of late. The people to talk to are Dr. Wood from the Dean's Office and L. Terry Suber, B&G head, who is chairing the committee. Some students I know are devising solutions of their own to the engineering problems involved.

Brutus Is an Honorable Man

I was disgusted to see the most recent list of Honor Key and Honor Certificate awards. The parochialism of the individuals responsible for the list is so blatantly obvious as to need no further comment. If serious efforts cannot be made to determine who is deserving of awards for all activities, the awards should be done away with. Of course, the awards from last year don't exist yet anyway, so maybe they have been done away with.

RPM Dept.

Memo to our new Student Leaders: We are all interested in improving Caltech. In the interests of improving the little things as well as the big things, I submit the below baker's dozen of suggestions for improving the little things about Caltech, just to make life here a little nicer:

1) Have the Bookstore give Blue-Chip Stamps.

2) Give the faculty representation on student committees.

3) Have the Tech, and any other offending organizations, promise never again to "Clear the Air on Smog."

4) Make Rindy Martin an SRA.

5) Convert the roof of Winnett Center into a parking lot for the

occupants of same.

6) Deepen Millikan Pond for safer pondings.

7) Have the P.E. Department provide gas maksk for smoggy days.

8) Put an elevator in Dabney Hall.

9) Waterproof the steam tunnels for use on rainy days.

10) Equip major student body officers with unremovable walkie-talkie systems so that they can be reached when necessary.

11) Hire Jim Henry as Resident Something-or-Other so that he can be kept her, on general principles.

12) Make Parkinson in a cyclotron or something and move all the offices there somewhere closer to campus so that chy are accessible.

13) Let all CIT diplomas this year be postdated a few months to give seniors a running start.

So They Tell Me Dept.

For those of you off-campus people who were wondering why Preregistration material took so long to get to you, the culprit is somewhere in the postal system. Sending the material Third Class did not help. The mailings took 6 days to get from Tech to Altadena, in on case, and other such lengths of time elsewhere. . . .The PME is coming! First week of third term. . . .Coupon ads in the Tech are not always a waste. Having tried the food at Fileccia's Pizza and Restaurant mayself, I can attest that it is a good buy, especially with the 10% off coupon which has been running in recent issues of the paper. Apparently ther have been large numbers of coupons converted lately Thank you, people, our Business Manager says that it's far easier to get coupon ads when the coupons are used; businesses keep

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Letters

Nicolaides 'Lauds' Honor Key Choices

Gentlemen,

It was with mixed feelings of amusement and consternation that I read through the list of Honor Keys and Certificates awarded by ASCIT this year; amusement at the freaky list of Certificates, a glaring sin of commission (it is, of course, much harder to blow the Key list, although I did boggle at the sight of a couple of names), and consternation at the total absence of quite a few better known and active people on campus, a much greater sin of omission.

None of the House Presidents, it seems, was at all active or important (even Miller was not there; Graham must be slipping!); Smith, the only recipient, no doubt made the grade as Big T Editor (or was it the famous ramp?). At the same time, the Tech Editors and staff, with whose opinions one may not see eye to eye, but whose year long efforts one cannot belittle, did not,

equally inexplicably, rate. One ASCIT athletic manager got a certificate while the other half of the team was excluded.

I assume Dibartolomeo made it by building ugly tanks and engaging in other ludicrous acts meant to signify revolt against the establishment, to the endless entertainment of a large segment of the student body, and Prestwich by arranging an Interhouse Sing in the Gym; it is much harder to discern even such vestiges of reasoning behind other awards, mostly to obscure members of the Y and similar societies on campus that go on in their mysterious ways without either contact with or regard for the average ASCIT member.

This lamentable and traditional lack of judgement on ASCIT's part is, to my belief, due to the ossification of the BOD into a self-perpetuating establishment, fondly believing itself to be rep-

resenting the ASCIT members' opinions and attitudes, or if not, at least the opinions and attitudes that ASCIT members should have. This beleif does good in one respect: ASCIT is more progressive and less apathetic than our average peer, and thus, if I may be permitted an analogy to a national government, it does well in the area of foreign affairs. On the other hand, it does very poorly in domestic affairs, by being divorced from the reality of student life on on campus, and in this way causing an attitude of indifference or, even worse, of alienation of the students towards the organization.

The list portrays the ASCIT attitude perfectly; the recipients are only people whose type of activity brings them in contact with the ASCIT establishment, i.e. people in the BOC, the Research Projects, the Y, and of course also the members of the BOD themselves; while people active in the houses, in a way that quite often concerns and

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Greasy Finger

Guns And Butter

by David Wilson

It is rumored that the Nixon administration has been secretly testing new ways to solve domestic problems without cutting back on military spending. A spokesman for the administration said that the guns and butter dilemma is a false one: "We have guns and butter already. Our only problem is the greasy finger on the trigger."

The administration's idea is to use one problem to solve another, thereby saving money. In implementing one money-saving plan, Los Angeles freeways have been used for a "Littering Highways is Fine" campaign. An off-shoot of the ABM (Always Blow Money) project, the idea was to eliminate garbage and save on freeway road repairs, too. The garbage trucks have been constantly throwing trash out as they travel the freeways, thereby eliminating unsightly garbage dumps. Cars, which were always stuck behind the trucks, would flatten the rubbish, thereby resurfacing the freeways. The idea

sounded good on paper, but on the road it stinks.

Complications arose between rival unions after it was decided that garbage men would continue with the job of garbage collecting and street resurfacing. The Garbage Men's Union, mostly black workers, refused to hire as trainees the white, road-resurfacing workers who were put out of work by the plan. The Road Resurfacers' Union protested to the President, who was forced to set-up a quota system for whites in the Garbage Men's Union.

Another money-saving plan couples space research with the population explosiong problem. (Although some thought the population problem could best be coupled with war problems, the more subtle solution was decided upon.) It was decided to have space program scientists concentrate on finding space on Earth. Once they found it, the growing population would have some room and, as a bonus, it is much cheaper for NASA to study

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FRANKLY SPEAKING

by Phil Frank

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The Third Wing

Wright and Logan

Santa Barbarians

Until recently, Saint Barbara was the patron saint of artillerymen. Even one thus injured to violence must have looked askeance at her namesake city, Santa Barbara, for the events which have transpired there.

Last year, the city of Santa Barbara turned down federal funds for use in training police and equipping them to handle large crowds and mobs. "After all," the city fathers reasoned, "nothing could possibly happen here." Well, they were wrong, and the error meant that the local police could not handle what was really a small disturbance at the start. The original crowd was of perhaps a thousand, and many of those merely curious (but slightly stupid) onlookers. That few people can't run very far amok under most conditions.

Later, people began blaming the whole thing on the speaking appearance of attorney William Kunstler. This ignores several basic facts, including the fact that Kunstler did not speak until the day after the rioting started. Also, he said that violence was a poor tactic in his speech, and this can hardly be called an inflammatory statement. Nonetheless, the Los Angeles kep large numbers of police on hand when Mr. Kunstler spoke in Los Angeles.

Unfortunately, the rioters have not been showing any better sense than the authorities. They burned a Bank of America branch and a police car in protest of the Chicago Seven verdict, or so their anonymously stated reasoning went. This smacks of afterthought reasoning to justify illegal acts done for the hell of it. Or, they could be serious, in which case they are dense enough to believe that such acts can have

anything but a negative effect upon the Establishment. People on the borderline of opinion, including the civil authorities of Santa Barbara, are being pushed toward right-wing paranoia by the idea of people taking out their frustration on anything that moves or doesn't.

Bank of America has never been considered a paragon of social virtue, but the logic of blaming them for the ills of society escapes me. Mr. Kunstler said that he was sorry that the bank had been burned, but that he failed to thing of that as violence. He said that such a thing was picayune compared with a B-52 raid, which is also true, and also in avoidance of the issue. The real issue here is whether a group of people have the right to destroy property at will in order to publicize a cause, particularly when that property has little or no relation to the issue. In all fairness, such behavior must be considered criminal, and such violent social crusaders dealt with as the common criminals that they become.

Biology Conference

Continued from Page One

science and philosophy; Seymour Benzer, professor of biology; Thayer Scudder, professor of anthropology; and Edward Lewis, professor of biology. In addition, 18 outside scientists will give papers. Carleton Gajdusek, of the National Institute of Health, will give the featured evening lecture, "Physiological and Psychological Characteristics of Stone Age Man," on March 16 in Beckman Auditorium.

Students who are interested in attending this conference should fill in a registration form in Room 7 Throop.

Resistance and Refusal: Part Two

The Trial

In order to obtain redress in the courts, the issue to be raised must be one that doesn't challenge the general structure of the Selective Service System and it must be presented according to the following rules: (1) The registrant must exhaust all his administrative remedies within the system (his appeal rights), (2) he must report to the induction center and refuse induction, (3) he must raise incorrect classification as his defense for refusing induction. For all violations except refusal of induction (and including refusal of induction if the three rules above are not followed), the only legal issue involved is whether or not the registrant did in fact commit the alleged violation. All other evidence and arguments (incorrect classification, illegal board action, etc.) will be ruled irrelevant and cannot enter into the trial.

A trial is usually held before a judge only, since a jury can only

decide whether in fact the violation occurred or if the local board was prejudiced against the registrant. All questions of law (proper classification, procedural error, etc.) must be decided by the judge. Evidence is not allowed unless it was available to the local board. Local board members and clerks generally do not testify, the registrant's file being considered sufficient evidence and the government not wanting to display the ignorance of local board members.

Results of a Conviction

If a registrant violates more than one section of the Act or Regulations, he will be indicted on more than one charge. For example, if a registrant fails to notify his board of his address, fails to report for a pre-induction physical, and fails to report for induction, he will be charged with three separate violations. Generally, the sentences in such a case will run concurrently,

but occasionally a nasty judge will order consecutive sentences (15 years maximum in this case).

Probation is often granted if the registrant agrees to obey Selective Service from now on. The registrant can be paroled to the Armed Forces. Some judges sentence a sincere registrant to a short jail term and several years of alternative (civilian) service. However, maximum sentences are not at all uncommon, especially in the South and Midwest, since the convicted will be eligible for parole when one-third of his sentence is completed (20 months as compared with 24 in the Armed Services).

In principle, there is no reason for a registrant not to be prosecuted a second time should his local board issue him an induction order after his release from prison. In practice, this has not been done. In addition, many of those released will be past the age of 26 upon release, thereby falling into a category fairly safe from induction.

In some states, including California, a conviction will not prevent a registrant from voting. In most states, it depends upon the sentence, or the maximum possible sentence. Such a conviction will usually prevent government employment, or employment where security clearances are required. In most states, licenses are required to practice certain professions: law, medicine, teaching, etc. Most states consider a felony conviction to preclude such a license, but there are some exceptions and legal action to force issuance of such a license is possible.

Down the Tubes

Faculty Committed

by Etaoin Schroedlu

Student Edward A. Miller of the Camelot Institute of Transcendentalism excitedly hurried into his room, dropped his books on the bed, and spoke to his roommate, who was lying on his unmade bed staring at the ceiling. "Hey, guess what! The Student Government appointed me! I just got out of a Board of Undergraduate Life Leaders meeting, and they told me that I was appointed as the student representative to the Faculty Committee on Coordinating of Faculty

Property and Development of Institute Real Estate Holdings!"

"So?" asked his roommate, while Miller fought for breath.

"Well, I mean don't you think that we students should have something to say about how the Institute is run! I think it's really great that the Institute has such confidence in us that they'll let our BULL appoint students to these committees directly. I want to know what's going on around here, and I'd like to show these people that their faith in me isn't misplaced."

"Oh, I wouldn't worry about that."

"Well, maybe you're right," said Miller, "but even though I do have confidence in myself, it's still not easy to do these jobs really well, and I'll have to be dedicated, too. I could really do a great deal of good."

"Right," said the roommate. "Tell me about this committee."

"Well, I don't know much about it yet," admitted Miller, "But I'm going to find out. I've called for an

Avoiding Prosecution

Prosecutions for violations (2), (3), (6), (10), and (11) are relatively rare. Prosecution for failing to report for induction, or refusing induction, while perhaps long delayed, is probably inevitable. Avoiding prosecution by becoming a fugitive or failing to register at all is not likely to be successful except for a member of a subculture (for instance, a person who buries himself in a large black ghetto), since anyone else can hardly avoid some contact with the paperwork requirements of modern government. The other solution, exile from the United States, will be discussed next week.

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This "patch"



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The Tech



About Town

This column wasn't here last week, so the Magic Mirror has got a lot to show you. You need entertainment to relieve pre-finals tension, and the information is here for your mind. As Pogo says, "Jest unlaix,"&let it enter. No age limits follow.

Ash Grove, at 8162 Melrose in Los Angeles, has Lonnie Mack and Kilby Snow filling the bill until March 8th. THE Lonnie Mack. **Golden Bear** has Hoyt Axton and Roy Harper from now until the 8th, which is great for those of you who like to travel. 306 Ocean Ave. in Huntington Beach is the address.

The Ice House, at nearby 24 N.

Mentor, has Maffitt & Davies, Bill Morrison, and Walt Conley. Hopefully, Frets and Frails has a review of this show. It runs until the 8th.

Shelley's Manne-Hole has Bill Evans for now, with Shelley himself in addition on weekends. The place is 1608 N. Cahuenga Blvd. (Why did the cahuenga cross the road?)

Troubadour, at 9081 Santa Monica Blvd., has Bill Medley (former deep voice of the Righteous Brothers) along with Patchett & Tarsen on the lighter side. This show ends on Sunday.

The Whisky A Go Go is back to normal, with the Golden Earring and Eric Mercury Birthright until the 8th. 8901 Sunset is the place.

The following are auditorium-style performances, rather than clubs, and they cover the rest of this month only:

Royce Hall, at UCLA, is having the UCLA Dance Company on March 6th, 7th, and 8th. After that, things come thick and fast, with Yuji Takahashi on the 12th, Pete Seeger on the 14th, and Bill Cosby as soloist for the California Chamber Symphony on the 15th. For those of you who plan ahead, Marcel Marceau will appear on the 26th and 28th.

The El Camino College Auditorium continues its classical series with operatic singer Jerome Hines on the 6th. This is followed by Andres Segovia on the 18th. It is near the intersection of Redondo Beach Blvd. and Crenshaw Blvd.

The Santa Monica Civic has the Grateful Dead and Cold Blood in concert on the 7th, and will be having Jose Feliciano on the 20th.

The Pasadena Civic Auditorium has a series of concerts coming up, one every Saturday. This Saturday, the 7th, an Italian festival of music and comedy, including Giacomo Rondinella (can I help it if you're ignorant?) and Romano Mussolini (Benito's son), as well as others. On the 14th, Burt Bacharach and Lou Rawls light the stage in a benefit. Peter, Paul and Mary are the featured artists on the 21st, and the new Righteous Brothers appear on the 28th.

The Olympic Auditorium (near 18th & Grand in LA) is having a dance concert Fillmore style on the 7th. Featured are Frank Zappa and some of his proteges, plus Johnny Winter. Get Zapped by the Hot Rats.

The Dorothy Chandler Pavilion at the Music Center features violinist David Oistrakh on the 7th and 8th. Andres Segovia is the guest artist on the 20th and 22nd. Van Cliburn appears on the 29th.

Finally, Savoy Brown, Linda Ronstadt, and the Flying Burrito Brothers will be in concert at San Fernando Valley State College on Friday the 13th.

Here's looking through you!

Dulled Point

Alienation By Inculcation

Michelangelo Antonioni's *Zabriskie Point* is an inferior film. He seeks to criticize the American Dream; to say that our rebellious youth is the only asset America now possesses. But despite his trenchant intentions the script renders him impotent. The movie is a polyglot product of a team of American and Italian collaborators, with the captious Italians having the upper hand.

The plot itself is superficial. Antonioni seeks to make a move of The Revolution, a revolution which he finds so necessary. His technique is counterpoint and contrast. The scene changes quickly, between the affluence of our society and its effluence; young children starve, the billboards call for useless consumption, and the police quell student protests brutally. It is not that Antonioni is too obtuse; it is that he is so obvious and sudden. However, at the most significant point of the movie, the camera takes a gap in the action and the audience must fill in the lacuna. This occurs at Zabriskie Point itself, the lowest point in America physically but our highest point spiritually. Photographer Contini is at his most graphic as he carries the symbolism of the stream of life running through Zabriskie Point into graphic sexual imagery. But we are not told just how this all relates to the Revolution. To my knowledge, the concatenation of events is non-existent; this again can be ascribed to the script.

By trying to inculcate us Antonioni merely succeeds in alienating us; this is the true failure of *Zabriskie Point*. An instructive comparison may be made to a far superior film on a similar theme, Jean-Luc Goddard's *One Plus One*. This is Goddard's exposition on the forthcoming American revolution.

His comments are pithy and incisive, and all are conveyed with unique cinematic technique. Though Antonioni was unable to find a suitable way of expressing his ideas forthrightly, Goddard never resorts to circumlocution. To convey his thoughts on a wide variety of topics, Goddard was resourceful enough to use the catechism of an interview. "The only way to stop being a revolutionary intellectual is to stop being an intellectual." "The U.S. wanted Vietnam; it wanted to carry on a practice war and film it for color TV." "The black revolution has begun in America."

Unlike Antonioni, the, Goddard can be direct and blunt without seeming pedantic. A few examples of Goddard's freshness vs. Antonioni's triteness will serve. Antonioni uses the overworked device of advertising billboards contrasting with the realities of their surroundings; Goddard uses the more youthful device of the hand-painted slogan on a university fence. Antonioni uses Rod Taylor's characterization of a wealthy entrepreneur as a symbol of moral decadence (one is not quite sure whether to condemn Mr. Taylor or sympathize with him). Goddard focuses on pornography on a newsstand coupled with simultaneous narration on the collapse of the Roman Empire and a diatribe from *Mein Kampf*. Antonioni is over-pretentious and sentimental; Goddard remains a bit cynical of the men of the Revolution, while continuing to give it moral support. This gives Goddard a great deal more credibility than Antonioni.

One Plus One remains undisputedly the paragon of the films on the New American Revolution.

-Alan Lederman

Faculty Committees Going Down The Tubes

Continued from Page Three

appointment with Professor L. O. Rhonchus, who is the Chairman of the Committee, and I'm going to go and ask him all about it."

Rhonchus Tells All

Promptly at the prescribed time, Edward A. Miller presented himself at the door to the sub-basement office of Professor L. O. Rhonchus, and knocked for admittance.

"Come in!" a voice called from behind the door. "And watch the low ceiling!"

Miller entered, introducing himself. "I'm Edward A. Miller, the new student who has been appointed to the Faculty Committee on Coordinating of Faculty Property and Development of Institute Real Estate Holdings, and I hope that I can be of service to the Committee, sir!"

"Eh?" said Dr. Rhonchus. "Oh, that one. That's right, I am still on it, aren't I? What can I do for you, young man? I'm very curious to see why you asked for an appointment to see me. *Very* curious. That's never happened before around here."

"Well, sir, I'd hoped that you might tell me more about what the Committee is doing right now, so that I could be more prepared when we meet."

"Oh," said Dr. Rhonchus. "Oh, my. I see. Well, right now we're not really doing very much. In fact, we're not doing very much at all. You might say that we're waiting for something to come up, and when it comes up, then we can

handle it. That's sensible, don't you think?"

"Oh, yes, sir, I do," said Miller uncertainly. "Yes sir, that is very sensible. I mean, you're all very busy men, and..."

"Very busy," agreed the Professor. "Very busy. Yes. Now let me see." Dr. Rhonchus absent-mindedly reshuffled the yellowed papers on his desk, apparently looking for guidance on the affairs of the Committee. "Tell you what, young man. If you leave me your address, I'll see that we send you memos and agendas for our meetings, and if I can find any notes on old business I'll have them sent along to you and you can look through them. Is that all right?"

"Oh, that would be very good, sir? thank you very much," said Miller. "Oh, when does the Committee meet, sir? I'll want to make sure that I don't have any other commitments then."

"Ah, yes, meeting times," said Dr. Rhonchus. "Yes. I don't remember exactly, to tell the truth, but we do have meetings. Yes. In fact, we have to have meetings. They're Thursday nights, either the third Thursday of every fourth month or the fourth Thursday of every third month, I forget now exactly which. Yes. I'd better find out about that, so I can be sure to warn the bartender to stay late that night. Thank you for reminding me, young man. I'll be sure to let you know as soon as I remember."

"Thank you, sir," said Miller, taking his leave. "Thank you for

your help."

As he returned in the direction of his Student Brig, Miller once again reflected on how lucky the Institute was to have such wise, intelligent men guiding its destinies, and how lucky he was to be a part of it all.

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Television Series'

Life Short, Painful

A television series' lot is not a happy one. More than half the new shows don't last a season, four years is considered a healthy run, about eight years a perennial favorite, anything more than fifteen years is truly remarkable. It is always a minor tragedy when a "gray-beard" is cancelled. CBS has announced that three shows with a combined longevity of 34 years are not going to return next season. The shows are *The Red Skelton Hour*, on 19 seasons(!), and *Petticoat Junction* and *The Jackie Gleason Show*, each on for 8 years. What makes this newsworthy is that not of the shows was cancelled because of bad ratings, the first two were, in fact, among the top twenty-five in that respect, Gleason was a little above average. Each had, however, the albatross known as "bad demographics;" i.e., the audience was not very desirable, consisting largely of older and more ruralized people. It seems that advertisers, trying to cash in on the "youth revolution" have come up with the idea that anything not teen-aged or sophisticated is to be shunned—these advertisers transmitted their ideas to the networks and have effected some changes in programming philosophy. Further, CBS is trying to

Continued on Page Seven

Never in the course of
Journalistic endeavor
Have So Few Slept
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—Anon. Editor

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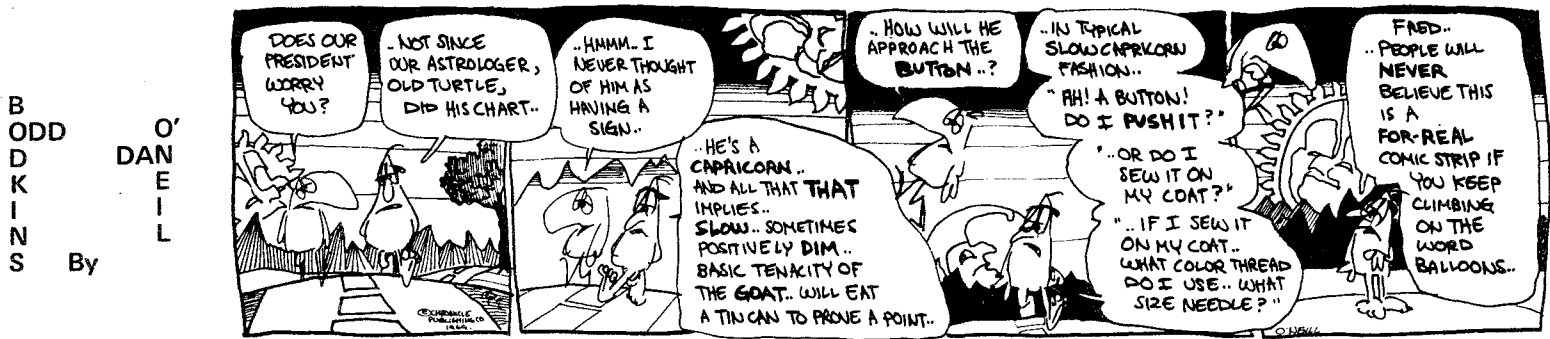
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THE CRITICAL EAR

The New York Rock and Roll Ensemble brought its unique musical style to USC for two concerts last week. In a very exciting concert, the Ensemble showed itself to be a real rock band with no strings attached. (Well, there is still a cello but we'll ignore that.)

In the past some critics have accused the group of trying to mix rock and classical music to make a viable but dishonest formula for economic success. The Ensemble seemed to be deliberately trying to dispel these rumors. They abandoned their formal wear for bell bottoms and musically did pretty much the same. They opened with a Jimi Hendrix song, "Wait Until Tomorrow," and established the hard rock line that was to pervade the concert. While they do still have a few bits of classical music in their program, there is no temptation to compare them to a chamber group. The closing number, a thing which seems to be the "Star Spangled Banner," comes across like the end of the "Iron Butterfly Theme" with the full theatric feedback effects and showmanship.

The thing which hasn't changed about the NYR&RE is their consummate musical ability. This showed up best in passages of dissonance and broken tempo where most groups degenerate into noise. Not only did they keep a sense of music in such passages but they were able to proceed smoothly into the next passage without any visible effort. They played almost non-stop for over an hour and some of the bridges between different songs were borderline miracles. Just to dispel any thoughts you may have about arduous practice of such parts, they did a different concert for the second show.

The NYR&RE is a truly talented group of musicians. They are able to play classical, popular (as shown

in their new album, *Reflections*), and rock music with equal ease and skill. Any confusion as to their identity is due to their many-faceted talent, not to any dishonesty in style.

COPLAND CONDUCTS COPLAND,
The London Symphony Orchestra,
MS7375.

Aaron Copland is one of America's better symphonic composers, and this recording captures some of the reasons why Copland occupies a prestigious role in American music. The cuts were *Our Town, An Outdoor Overture, Quiet City, Two Pieces for String Orchestra*; the performance was technically excellent and the interpretation was very strong, perhaps because of the conductor's closeness to the composer. I wish *Appalachian Spring* had been included, but there is nothing to complain about concerning what is present.

Ed Schroeder

LIVER than you'll ever be *Live: In Again Out Again* Oakland Records (Acorn 1, 1-X-241)

"No relationship whatsoever exists between this recording and any recording company, nor between this recording and the recording artist(s). This record is not produced under a license of any kind from a recording company nor the recording company nor artist(s) receives a fee or royalty of any kind from this record. Permission to produce this record has not been sought nor obtained from any party whatsoever."

LIVER than you'll ever be is an incredibly high-quality pirate recording of the Stones concert in Oakland last term. Mich & the boys are superb. The Oakland concert appears to be nearly identical to

that at the Forum, including even the playing of the spotlights over the audience on the second side. The style is clean and relaxes, but unmistakably Stones. Side One includes Carol, Gimme Shelter, Sympathy for the Devil, and two others for 22:30 of power. Side Two is slightly longer, with Love in Vain, Midnight Rambler, Little Queenie (really rocks on out), and, a la Oakland, Ingelwood, and Altamount, ends with Honkey Tonk Women and Street Fighting Man.

Compare H.T.W. with the version on *Through The Past Darkly*, or any of several cuts with studio versions on *Let It Bleed*, for a better understanding of the difference between live music and studio cuts. Borrow this album from a friend, and play it as loudly as possible. Then go out and buy a copy of your own. It's sold at CENSORED Records up on CENSORED. The password is Swordfish, But don't tell them I sent you.

B.A.



The show at the Ice House this week is a slight disappointment, but only a light one. Most of the recent acts have been great, and these only good. Onward to the details.

Walt Conley opens the show, with songs and humor. He has been in the business for at least ten years without hitting the top, but I'm not entirely sure why. He played songs by Woody Guthrie and Buffy Saint-Marie, and sang them well. His guitar work is fascinating, since he gets strange sounds out of an electrified Vox 12-string accoustical guitar. The Smothers Brothers played at Walt Conley's club in Colorado in 1960, and they became friends. Tommy Smothers arranged the song "Boil That Cabbage Down" for Walt's record, but it came into its own when the Smothers Brothers used the same arrangement themselves.

Bill Morrison is a very strange fellow. He is BALLOONMAN. Anyway, he does a comedy act which includes the use and often destruction of many balloons, but my description of how could not do him justice. By the way, he wears a vest made of, or covered with, used balloons.

Maffitt & Davies are a singing duo, with a third person playing bass. They do songs like "Just Like a Woman," "Poor Cow," and "Rose

of the Mountain." Somehow they did not seem terribly distinctive in style, but they were very pleasant to listen to. They are good guitarists, and their voices blend nicely. For some reason, they did not seem to me to be terribly outstanding, however. I think perhaps I expect too much after Belland & Somerville.

Lily Tomlin, of Laugh-In, was there for a special one-night stand, and was even funnier than on the show. Her telephone company routine is just one of many funny things she does. I just hope she gets to do the rubber freak routine on television.

For those of you who like to plan ahead, I just got the Ice House schedule for the next several weeks, and here it is: March 10-15; Denny Brooks, (I've heard him, and He's great) Bill Sandiford, and Dunn & McCashen (If they're as good as their record, it can't miss).

March 17-22; Casey Anderson, Fats Johnson & Dave McIntosh (a superduo almost level with Belland & Somerville) and comedy team Nelson & Levenson, from the Lohman and Barclay show.

And remember, the Baker Street Irregulars (now called Juarez) will be at the Ice House the first two weeks of next term.

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Letters. . .

Continued from Page Two

benefits a larger portion of the students, are not considered, indeed their efforts are often dismissed as insignificant or not relevant in the light of the special ASCIT attitudes, or shall I say biases. House Presidents, at least, used to be traditionally included in these awards; but I cannot ever remember a house social chairman or officer of any description getting recognition for his efforts from ASCIT.

This about sums up my bitching for today; and if you, noble Tech Editors, feel that I am offending any person or organization with my comments, please feel free to turn this letter over to them, instead of printing it. I am sure you would do so without my permission anyway, judging by recent performance.

—Pericles Nicolaidis

Editors' Note -- What more can we say?

Committee to Abolish PE Requirement Objects To Way Issue Is Handled

Dear Editors:

The Perpetual Committee to Abolish the P.E. Requirement objects to the means with which this issue is being handled. The Academic Policies Committee has apparently decided to let the matter rest more or less where it has festered for years. Granted they will not let the issue ride forever. But on a student's time scale, it's close.

As members of an intellectual community we all respect study and deliberation. Study and deliberation, though, are sometimes masks for delay and obfuscation. Note that while faculty committees deliberate, they are not subject to the P.E. requirement.

A similar privilege, we feel, should be extended to students affects. Further, we believe that some demonstration of student dissatisfaction should be made.

Therefore, we urge all students who feel as we do about the requirement to boycott their P.E. classes until a decision is made.

Our information indicates that massive retaliation from the Standards and Honors Committee would not follow. They feel, and rightly, that it is not their responsibility to set academic policy.

This boycott may be the most important and effective peaceful means we have of accelerating the decision-making process.

Steve Gabriel
Chairman, P.C.A.P.E.R.

Guns and Butter. . .

Continued from Page Two

space on Earth.

If space continued to be a weighty problem, demolition crews (experts at creating space) could be hired to produce a Piece Bomb. Such a bomb would be capable of eliminating Piece On Earth, and without a piece on the Earth, the baby boom would end.

A third money-saving plan involves modification of the giant antenna grid which the Navy hopes will cover all of northern Wisconsin. It is being constructed so that we can inform our submarines to fire their nuclear missiles in the event of an all-out attack on the U.S. (I've got to be kidding, don't I?). The administration will modify the plan to allow the grid, which was originally to be standard electronic fare, to be composed of students and hippies. The administration will secretly sponsor a free rock concert in Wisconsin, advertising free pot, great bands, and some of the most famous stars Our President

was able to thing of (Roy Rogers, Bob Hope, Ronnie Reagan, George Murphy, and little Shirley Temple Black). The idea is to put the youth of the nation to work for the Establishment, thereby eliminating protesters, while saving the money the Navy would have spent on the grid.

The students and hippies will be allowed to assemble throughout Northern Wisconsin. Then, just as the concert is about to begin, all will be asked to join hands with one another. At that moment, Spiro Agnew will step onto stage wearing a guru outfit and electric sitar. The audience will be shocked, and bingo, the Navy has its electrified grid.

These are but a few examples of the administration's contention that two problems are better than one. Let's wish them success on these money-saving ventures because, if there is one thing this nation needs, it's bigger and butter guns.

How's Your Weeny?

Defunct Mothers

Burnt Weeny Sandwich: The Mother's of Invention: Warner-Reprise RS 6370

When the Mothers broke up a few months ago, leader Frank Zappa said that one of the reasons was that they were tired of not having their music taken as seriously as they thought it deserved to be. If this is true, the Mothers themselves were not without fault. Most of their records were burdened with tracks of boring electronic music, sections of recorded conversations, meticulously accurate re-creations of the worse sounds of the fifties, sound effects and, in general, things other than music you could stand to listen to more than once or twice. Their albums were usually disappointments to those who had been to their concerts, where they proved themselves to be excellent musicians.

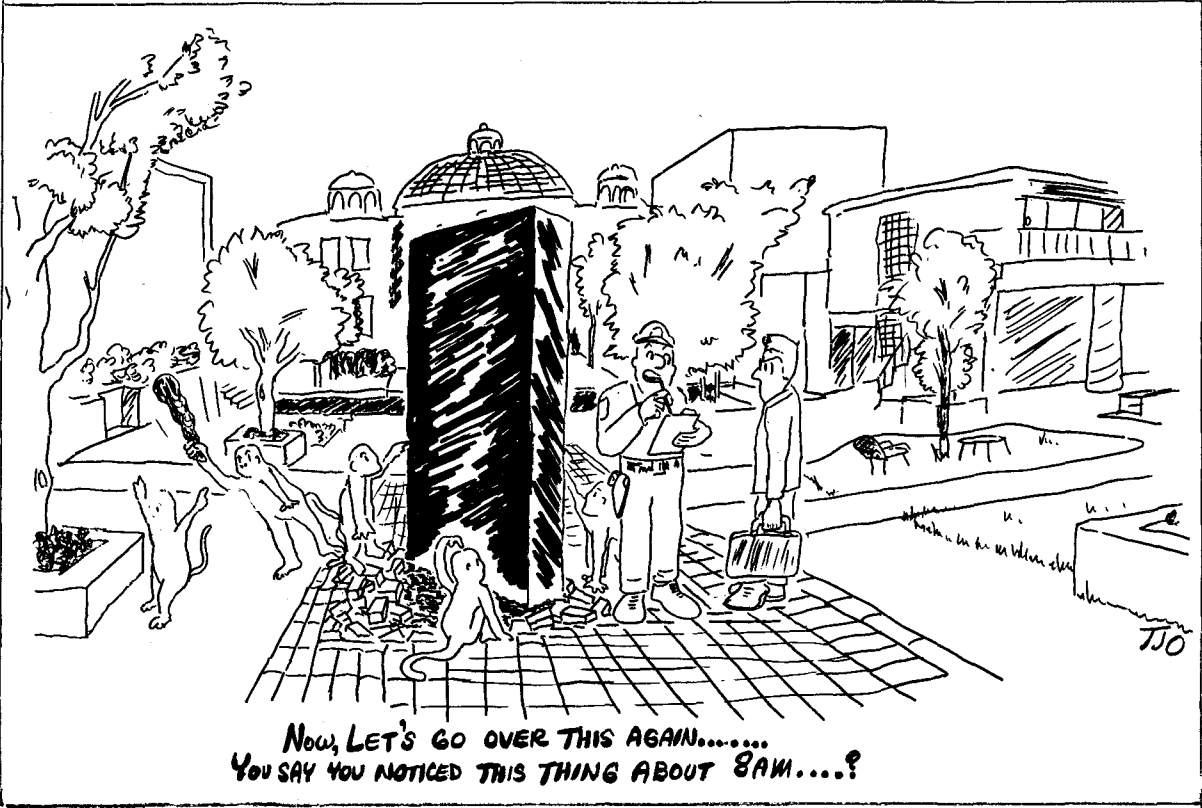
The Mothers were unlike any other rock and roll group. They were a big band — up to eleven musicians — and usually emphasized horns and keyboards rather than guitars. They were probably the tightest group around; whether playing complexly timed orchestrations with impressive speed or jamming, they made most groups sound too simple and poorly

rehearsed. Their new record finally reflects all this.

Although the album is almost entirely instrumental, it opens with a song in the mid-fifties tradition about getting drunk on white port and lemon juice, followed by a short track that sounds like your junior high school beginning band. But out of the wheezing emerges a tight instrumental (including some very good guitar by Zappa, which never showed up on any Mothers records before) that lasts until the excellent piano solo that ends the side. Side Two seems to be recorded live, and features a dazzling violin solo. Instead of stopping with this, though, the Mothers end their recording career with an abominable teen love ballad — what they feel the public wants, perhaps.

I recommend listening to the album. Not everyone will like this kind of music, but it is one of the most interesting and best performed popular records out.

Jon Jacky



Not So Brief Is The News

Continued from Page One

The number is comparable with previous freshman classes, according to Dr. Wood. On the average, about half of the freshmen who leave the Institute list academic problems as the cause. The other half leave for other reasons, the two most common being dislike of the Caltech environment and lack of women (two reasons?). A small number leave each year for personal reasons.

Ecology Action Plans Range Far and Wide

The Caltech Environmental Action Council has several activities planned for the coming week. This afternoon, Dr. Rodger Noll will speak on Economic and Social Aspects of Air Pollution at 4:00 p.m. in 142 Keck. Tomorrow is Arbor Day, and appropriate celebrations will occur in front of Throop from noon to 1 p.m. Included will be a live ban, refreshments, dedication of a new grass area.

Monday, March 9, Drs. Norman Brooks and George Hammond will be featured at an environmental discussion at the Coffeehouse starting at 9:00 p.m.

Also, Paul Elrich will be speaking at Oxy this evening at 7. The speech will be in Thorne Hall.

Notes and Comments Department

Roberts Rules of Order does exist in Millikan. It's just not in the card catalog.—Note to Page House: the new ramp would be still better if there was some way to tell just how wide the ramp is from the Olive Walk. Presently, if one misses the ramp, one's axles protest vehemently.—The Eggheads vs. the Jocks, as someone named the current controversy over the P.E. requirement, is in full swing. See

elsewhere in this issue for the gruesome details.—There are still no plans to put a burning cross on Throop for Easter.—Dabney House welcomes new R.A.'s for the week: Harold and Colene Brown. Meanwhile, the Webbs have become President and First Lady.—Elections for Tech editors will occur tomorrow. This one may even be valid, since ASCIT discovered that Yes and No boxes are appropriate for unopposed candidates. For more on the subject, see this week's editorials.

Throop

BEAT...

Continued from Page Two

track of that sort of thing. . . .Overheard on Monday while the Xenakis music was playing outside Winnett: "Sounds like mood music for your first Physics final." . . .The polls are still going on. Speaking of which, we hear that the P.E. Committee does not plan to release the information it has on P.E. grading and the results of the poll, at least not right now. Is it so unreasonable to tell us those things? Seems to me that the mandate for abolishing the requirement is rather strong. . . .With the influx of married couples in the Houses, how long will it be before we have a shower? . . .The first step in Dr. Harold Brown's primised program of science for humanity will occur March 16-18 with the conference on "Biological Bases of Human Behavior." Science for Techers is best put elsewhere than in finals week, but still interest would be encouraging.

Coffeehouse Burgers Food of Champions



Caltech Coffeehouse
9 pm - 2 am every nite



Golfers Beat Redlands; Second Win In Five Years

by Jim Simmons

The Caltech golf team raised its overall record to 1-1 and its league record 1-0 last Thursday by defeating Redlands 33-21 at Redlands' home course. Previously, on February 16, the team had dropped a 43-11 decision to USC JV's in a match at Hillcrest Country Club, USC's home course.

According to Coach Hal Cassriel, the top six players, those who play in matches are currently: Roger Goodspeed, a sophomore; Jim Simmons, a sophomore; Bob Hammond, a junior; Neil Holmes, a senior; Alan Woodson, a sophomore; and Jim Taylor, a senior. Sophomore Chip Romeo is an alternate. Goodspeed and Hammond are co-captains.

In the USC match, Caltech paced by Goodspeed's 78 and Woodson's 79, while USC had an even-par 71, a 72, 76, 77, and 79. In the Redlands match, Caltech's leading scorers were Simmons, with a 76, and Holmes with a 79. Redlands came up with a 75, a 77 and 79, but it failed to keep the Beavers from chalking up their second league victory in the last five years.



"Then when Levin got his tape recorder out"

JV Tennis Team Edges Whittier, 5-4

The junior varsity players of the Caltech tennis squad won all three doubles matches to edge Whittier by a score of five to four here Tuesday.

Caltech's first doubles combination of Bruce Eisenhart and Larry Niren came from behind to beat Dave Edinger and Junior Nitabon 4-6, 6-0 9-7. In the second doubles contest, Art Ellis and Keith Edwards got by Whittier duo Mike Dunn and Herbie Regonbogin, 6-4, 2-6, 6-2. Jan Waluk and Alan Brothers of Caltech teamed up to defeat the third doubles team from Whittier, Lee Wentz and Jim Marshall, 6-2, 6-3.

In the singles matches, Edinger defeated Eisenhart, Tech's first man on the jayvees, 6-2, 6 on the jayvees, 6-2, 6-1. Dunn of Whittier edged Niren in the second singles event 6-4, 8-6. At third singles event 6-2, 6-1, to complete Whittier's sweep of the top three singles matches. In the fourth singles match Caltech's Alan Brothers disposed of Wentz in a 6-1, 6-2 match. Jan Waluk, Tech's fifth man on the jayvees, easily whipped Marshall, 6-0 6-1. Regonbogin of Whittier defeated Don Franks 6-1, 6-2 in the sixth singles match.

Tennis Squad Shuts Out JPL Racket Men, 9-0

by Richard Short

The Caltech varsity tennis team defeated the players from the Jet Propulsion Laboratory by a score of 8-1 last Saturday.

Donald Ting of JPL, who played third singles, was the only winner on his squad. Ting edged Caltech's Andy Chow 6-4, 6-3.

In the first singles contest, Ken Pischel of Tech walloped Jack Holmes 6-0, 6-0. Bill Almasy easily held off Dick Stirn 6-0, 6-1, in the second singles match. George Lantos beat Bill Simms 6-4, 6-0, at fourth singles, while Techer Don Smith had to hustle a bit to defeat Frank Lorenzini 6-4, 2-6, 6-4. In the sixth and last singles contest Jim Crawford go by Angus McDonald 6-3, 6-2.

In the primary doubles match Pischel and Chow struggled to beat the JPL duo of Holmes and Stirn 10-8 in the first set before coasting to a 6-1 victory in the second set. Almasy and Lantos defeated Bob Lester and Bill Simms 6-3, 6-4 in the second doubles match, while Smith and Crawford downed Lorenzini and McDonald 6-3, 6-3 in the third doubles event.

TV Times Trying

Continued from Page Five

shed its bucolic image by giving it a more modern appearance.

Hypocrisy rears its ugly head now, since CBS still keeps *Green Acres*, *The Beverly Hillbillies*, and the worst offender to citified sensibilities, *Hee-Haw*. And then, there's always Lawrence Welk on ABC. Still there is something against basic democratic beliefs that much of the entertainment enjoyed by millions of people throughout America is being cancelled simply because these people are not as "important" as other, younger, people, simply because of their age. (P.S. Ever notice how most of the old people you see on TV are stereotyped, and often tokenized? . . .)

—Bruce A. Reznick

Horsehides Fly

Baseball Team Begins Play

by Tom Matoi

When interviewed about the prospects of the 1970 baseball season, Coach Preisler commented, "We could have an outstanding team if all the potential strength were out." Although the team lost the services of 1969 starters Craig Helborg, Bob Hsu, Martin Frost and all-league selection Lonnie Martin, through graduation, the Beaver nine will have veterans Dennis Carrie, Gerry Eisman, and Arnie Richards in the infield, Bill Delaney in the outfield, Bruce Wright and Dave Turner on the mound and Gene Fujimoto behind the plate when the team reaches full strength. Freshmen starting prospects include Price Walker as catcher, John Ellis as hurler, Tom Howell as first basemen, and Jerry Feely as Shortstop. Junior Ken

Hanson has also been added to the line-up.

Caltech has one of its stronger bullpens this year, highlighted by Bruce Wright who has gained three years of experience at rival Pomona. The coach, however, complained that the perennial shortage of good hitters continues and that injuries have already weakened the team. Gene Fujimoto has been out for several weeks with an elbow injury, Jerry Feely is still recovering from an injury suffered during the basketball season, and Price Walker has been bothered by sore ankles.

Giving added depth to the squad this year are Chris Diamantoukos, Jerry Kiuttu, John Hall, Bob Reul, and Mike Arenton.

League play begins on April 1 with Caltech hosting Claremont-Mudd.

CLASSIFIED

HELP WANTED

FREE LANCE WORK

Translators in all languages, including African, needed to translate highly technical and scientific material in several fields. Work may be done at home in free time. Only individuals with scientific training considered. Send resume to SCITRAN, Box 5456, Santa Barbara, California 93103.

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HE SAID INITIALS ARE A SIGN THAT A COMPANY HAS DEVELOPED NEW CAPABILITIES. IT'S A SIGN OF GROWTH.



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March 11



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Flatly, they call earth picture a fake

THE LONDON TIMES, Aug 7, 1967

The International Flat Earth Research Society remains unconvinced and unimpressed by that photograph of the world seen from 214,806 miles up in space.

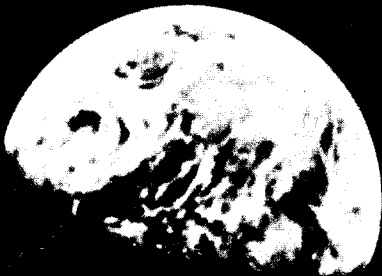
The photograph, taken by the American satellite Lunar Orbiter, was published yesterday, and last night Mr. Samuel Shenton, secretary of the society, denounced it as a "fraud, fake, trickery or deceit, just like that".

The society is a rebirth of the old Universal Zetetic Society. It keeps pegging away to convince people of the errors of conventional astronomers like Hoyle, who say the earth started with a blas-

phemous bang that leaves no room for the creator, Mr. Shenton said last night: "As a society we are chiefly concerned that the young innocent minds of our children should not be taught such things that destroy their faith in their creator."

The Great Deception, he calls it. And he speaks about it coolly, calmly, without animosity, with absolute conviction.

The society has "well over a hundred members." Some of them hold "high positions" in the American space complex at Cape Kennedy, where they have formed thriving chapters.



JOIN A ROUND EARTH SOCIETY
SUPPORT THE TEACH-IN

THE FLAT EARTH SOCIETY is bigger than you think. Almost everyone belongs, because, as Euclid noted, a plane is infinite. Consider the advantages:

- Infinite air supply, capable of absorbing any amount of nitrogen and sulphur oxides, hydrocarbon residues, etc., with no ill effects.
- Rivers without end, sufficient to carry any amount of sewage and industrial waste to an infinite ocean, too large ever to be polluted.
- Unlimited forests and grasslands capable of enduring unlimited exploitation.
- An infinite frontier, always someplace new to go and leave behind noise, garbage, chemical and radioactive poisons, famine, war; an earth which can support an unlimited population.

The Flat Earth Society has much to offer, if you just accept its social illusions and reject the "optical illusion" above. It has strong institutional support: steel companies (strip mining, air pollution), oil companies (offshore drilling, air and water pollution), aircraft companies (the SST, noise and air pollution), some organized religions (anti-birth control), automobile, lumber, real estate interests, etc., etc.

Conservationists are the spoil-sports. They see limits everywhere. They are: paranoid (distrust technological tampering with the environment), socialistic (reject the right of private owners to plunder the earth), hippy (take to woods to escape "progress") and fanatic (wage militant fights against the destruction of the earth's ecology).

Throughout this spring, and especially on April 22, Round Earthers on hundreds of campuses will join in a **NATIONAL ENVIRONMENTAL TEACH-IN** to explore nature's law of limits. This can be a historic breakthrough in understanding all that is needed to have a whole and healthy earth.

The Sierra Club, a young, 77-year old Round Earth Society, hopes you will participate — that everyone on your campus will seize this opportunity to learn ways to protect the environment.

To help you, the Sierra Club has prepared an environmental activist's handbook — **ECOTACTICS**. It will arm you to take the initiative to combat Flat Earth thinking; to find out how to keep your life-support system intact. **ECOTACTICS** will soon be available at your local bookstore.

ENVIRONMENTAL ACTION IS SOMETHING YOU DO.

You can: Read **ECOTACTICS**. Help your campus conservation group (if there is one; if not, form one.) Make April 22 the launch date for an ecologically sound future. Contact environmental scientists and other concerned members of your faculty to develop informed and effective ecotactics. Find out what is planned for April 22 on neighboring campuses and offer to help them. Enlist their help.

Many Round Earth Societies have long been carrying on the fight against degradation of the environment. Alone they cannot shatter the illusions of Flat Earthlings. They need the energies of the New Generation which, with luck, will inherit the spaceship earth. So join and support one of the Round Earth groups. Or two of them. Or more.

Campus Representative
SIERRA CLUB, 1050 MILLS TOWER
San Francisco, Calif. 94104

Name _____
Address _____
City _____ State _____ Zip _____

Please send
☐ Information on the Teach-In
☐ Information on the Sierra Club
☐ A list of Round Earth Societies

P.S. If you cannot find *Ecotactics* at your local bookstore, we will be glad to send you a copy.
☐ Please send me *Ecotactics* and bill me for the price (\$1.25).