

we're free at last!
we're free at last!

The CALIFORNIA Tech

at last! at last!
we're free at last

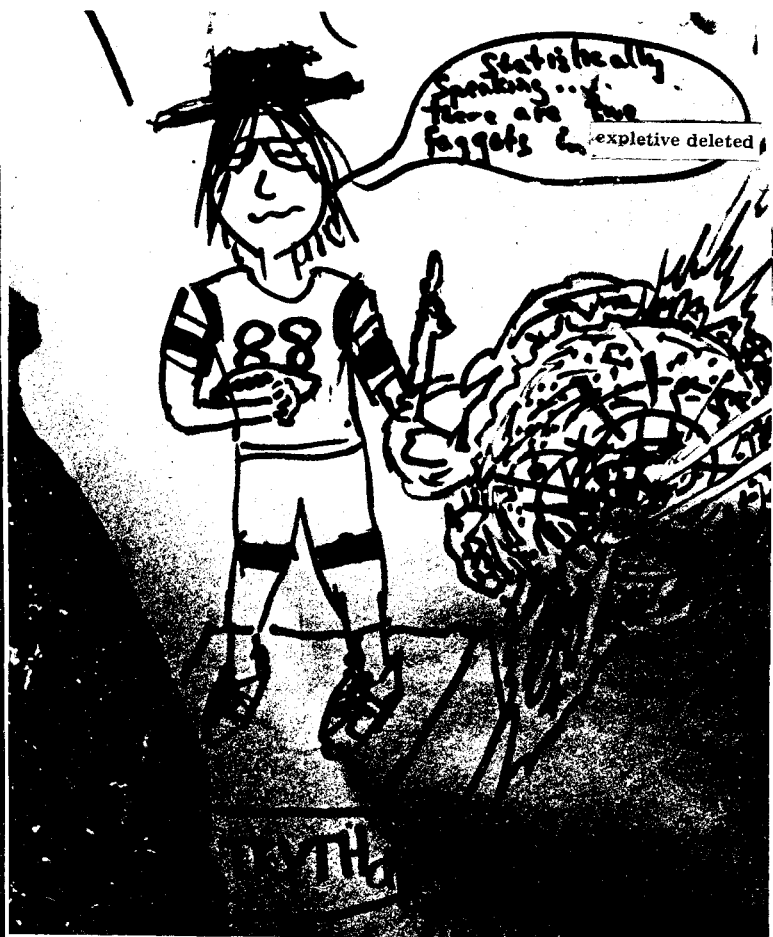
Volume LXXVII

Number 22

Pasadena, California

Friday, April 2, 1976

Eight Pages



Decompression Chamber didn't relieve everybody's tension. See the letters on page 2. Photo by B. Bus

Soviet Scientists Denied Emigration

Levich to Lecture

Next Wednesday Dr. Yevgeny Levich will present a special seminar on the status of Soviet scientists not permitted to emigrate. (2 p.m., 269 Downs) A general discussion of the topic will commence at 3 with a press conference slated for 4. For those of you who can't attend the afternoon session, a morning meeting at 11 will be held under the auspices of the GSC. Unfortunately, with usual graduate perseverance, a locale has not yet been selected.

We Weren't All Born in Freedom's Fat City

The situation of Dr. Levich, his brother, and his father, Dr. Benjamin Levich, provides a classical case of governmental harassment and violation of basic human rights.

Born in Moscow in 1948, Dr. Yevgeny Levich completed his studies at the University of Moscow at the age of 18. By age 22 he had received the degree of Ph.D. from the Landau Institute of Theoretical Physics, working under the supervision of Academician Ya. B. Zeldovich. He applied for permission to emigrate to Israel in February, 1972 and shortly thereafter was dismissed from his job at the Institute of Chemical Physics of the Academy of Science and Institute of Applied Mathematics in Moscow.

In 1973, despite two military exemptions (high priority science job and medical unfitness), he was ordered to report for military duty as a private. He refused to do so. One month later, he was forcibly arrested in the street while he was on his way to the Moscow Cancer

Dispensary where he was a regular patient. He was sent to a camp for military criminals in Tiksi Bay in the Arctic Zone and assigned to heavy unskilled labor under conditions intolerable for one with his medical history.

To a large degree, the harsh treatment he received was in retaliation for the activities of his father, noted electrochemist Benjamin Levich. The senior Dr. Levich is a Corresponding Member of the Soviet Academy of Sciences and the highest ranking Soviet Jewish scientist to apply for emigration.

Protests from free world scientists resulted in Yevgeny's release from the labor camp in May 1974 and in April 1975, he and his brother Alexander, together with their wives, were finally allowed to leave the Soviet Union. Their parents remain in the Soviet Union, despite high level Soviet promises that they will be allowed to leave.

The assurances to Dr. Benjamin Levich came to so much garbage as the KGB — undoubtedly under the political guidance of the central government — back-tracked on earlier promises. The events are outlined below.

February 18, 1974: Called to Academy to meet with several Academy officials including the KGB officer responsible for security arrangements in the Academy and its institutions. Told that it had been decided to reconsider his secrecy-clearance and that an appropriate committee had been formed for that purpose.

April 17, 1974: Called to the office of Academician Frumkin,

director of the Institute of Electro-Chemistry. Frumkin had signed the original security-certification in 1972. He now told Levich that he had been ordered to reconsider the matter.

May, 1974: Levich was informed that the question of revoking his secrecy clearance was still under consideration and that matters were going well. The committee formed for this purpose included Academician Emelyanov, a well-known expert of the committee on atomic energy.

June 20, 1974: Levich met with high-ranking officials, including Secretary of the Academy Skryabin; Dr. Frumkin; the former chairman of the Academy's KGB department Pavlov; and a KGB general. He was informed that after reconsidering the matter of his secrecy clearance, the special committee decided that all but one item included in his secrecy clearance certificate were now invalid, and the former term of validity of that one item would expire in one year. It was also stated at that time that the chairman of the KGB, Andropov, approved and confirmed this decision.

June 30, 1974: OVIR director Colonel Fadeev confirmed that Levich could leave by the end of 1975, six months after the formal term of his secrecy clearance had expired. The Colonel noted that the decision was made by top-rank officials.

December, 1974: Dr. Levich was alarmed by the delayed departure of his sons. He was told by a KGB officer there was no reason to be nervous, that the

Continued on Page Seven

Rotation Poll Dead-locked

Several weeks ago, a referendum on rotation regulations was presented and voted upon by the student body in conjunction with ASCIT elections. The purpose of this referendum was to give the IHC a set of guidelines in its formulation of rules for next year's rotation. The following are the results of the poll.

On the subject of the Gag Rule, voting was divided between four possible options:

- 1) retaining present regulations: 152 votes
- 2) deleting the Gag Rule entirely: 150 votes
- 3) reinstating the old "hard-line" rule: 39 votes
- 4) introducing a modified rule (prefacing remarks with a disclaimer): 66 votes

For social presentations, three choices were offered:

- 1) retaining present regulations (specifications on what can't be done): 126 votes
- 2) accepting modified regulations (specifications on what can be done): 206 votes
- 3) deletion of all regulations: 74 votes

Finally, for an appeals system to handle rotation disputes, three alternatives were considered:

- 1) retaining the present system: 188 votes
- 2) allowing the BOC to oversee disputes: 46 votes
- 3) creation of a student review board: 162 votes

As the numbers point out, there is little consensus on which system should be chosen for any of the major issues. In the next few weeks, the IHC will actually draw up regulations for rotation. People with an active interest in these issues should talk with their house presidents in the upcoming week and let their feelings be known.

—Ed Rea
IHC Chairman

Future Food

by Carl J Lydick

Once again, we must decide the issue of which food service we want for at least the next year, and this time we have four to choose from. Of the six food services invited to submit bids, one showed no interest at all, one took a look at the current operation and decided that there were too many variables it couldn't pin down, and declined to bid.

This left us with a field of four bidders, viz. ARA, Professional Food Management (PFM), Saga, and Greyhound Prophet (GFM), the incumbent. The former three of the bidders have submitted, in addition to the bids, booklets indicating typical menus. The booklets and bids were submitted to Mr. Robert Gang, who has discussed them with his immediate superior, the Master of Student Houses, and both the present and former IHC chairmen. Further

discussion took place at the IHC meeting Thursday night, and the booklets detailing menus are available for inspection by students in the Housing office.

The next step currently being considered in the process is for a committee consisting of a representative from each house (probably the presidents) to sample the food and view the operation of PFM and Saga at other colleges in the area. The committee will report to the IHC on its conclusions. Then representatives from the companies will come to Tech to discuss (confidentially) and problems either they or Tech can see to be likely in their proposals.

Finally, the IHC will probably circulate a ballot (similar to the questionnaire used to get input on whether to seek new bids) to determine student reaction to the various bids, and submit its recommendation to Mr. Gang.

News Briefs

Pizza Party

There will be a pizza party for undergrads on Sunday, April 4, at 5:30 PM in the Ricketts-Fleming courtyard, sponsored by Ray Owen and Jim Mayer for the purpose of letting the students get acquainted with the new Associate Dean, David Wales.

ASCIT Money

Any organization that wants ASCIT funding for 1976-1977 and has not received a budget request form should contact Robert Chess in 20 Dabney. All requests must be in by midnight, April 15.

Passover Seder

Caltech Hillel is sponsoring its annual Kosher Passover Seder at the Athenaeum, Wednesday night, April 14. Reservations are a must. For more information, call Louise Lorden 355-1628 or Art Metz 792-8151.

Jackets Arrive

Letter jackets and letters are in. See Debbie Wilson in 101 Page.

Secretary Wanted

The IHC will choose its next secretary on Wednesday, April 7. Any suckers interested in the job should see their house president. Those who can't be talked out of it should also appear at the meeting next Wednesday.

Biology Seminar

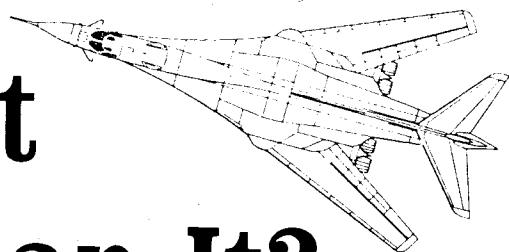
Ms Barbara Culliton, a frequent contributor to *Science* will be visiting Caltech on Thursday, April eighth as a guest of the Biology Division. While here, she has agreed to participate in an informal seminar on "Science policy, a discussion from a reporter's point of view" currently scheduled for 4:00 PM, probably in room 168 Church.

Parry! Riposte!

The Editorial Page

Guest Editorial

Buy It or Ban It?



In a few months, the fate of a controversial project will be decided on Capitol Hill. This project is the B-1 manned supersonic bomber, a product of Rockwell International, Incorporated. Organizations such as the "Environmental Action Foundation" have been clamoring for a halt to the project, screaming in their flyers about the ozone layer, sonic booms, fuel waste, and even the C. I. A. These are the same people who single-mindedly destroyed the U. S. Supersonic Transport. Whose S. S. T. was thus the first to fly a commercial route? The Soviet Tu-144, earlier this year. And a Russian supersonic bomber might be the first to destroy an American city, thanks to the efforts of the E. A. F.

The U. S. Air Force intends the B-1 to be the successor of the well-known B-52, an aircraft obsolete a decade ago. It will complete the nuclear defense "triad" of this country joining our ICBM's and nuclear missile subs. While half the size of the B-52, the B-1 carries twice the bombload and flies twice as fast. The Soviets already have their supersonic bomber, the Backfire, in squadron service in Eastern Europe. The U. S. has nothing to compare with the Backfire except the B-1.

Must we see the environmentalists destroy our nuclear defense system from the inside while the Soviets stand back and chuckle. Yes, it is true that the B-1 *might* harm the ozone layer. Yes, it is true that it is the second-most expensive weapons system in history. Yes, it is true that it has a loud sonic boom. But do you think the Russians stopped to think of that? How about writing to the Kremlin, all you environmentalists? After all, they built their bomber first.

—Geoffrey Sommer

We're looking for one political activist on this campus.

That's right—just *one* individual committed to liberty should be reading this ad. Could it be you?

We're the Young Libertarian Alliance—the college affiliates of the rapidly-growing national Libertarian Party. We're organizing YLA chapters on every major campus, and we need a coordinator right here.

Are you qualified for the job? The YLA coordinator must be someone who's dedicated to achieving a free society through political action. He—or she—will be responsible for establishing a YLA chapter, organizing meetings, rallies and demonstrations, and publicizing libertarianism.

The Libertarian Party, though less than five years old, is now organized in all 50 states. Our platform calls for a strict respect for civil liberties, a non-interventionist foreign policy, and a free-market economy.

Roger MacBride, our presidential candidate, is a non-politician who recognizes that the Republican and Democratic Parties are entrenched, establishment institutions whose only goal is the perpetuation of their own power.

The Libertarian Party is a new alternative—a young and dynamic political force that's committed to individual freedom and opposed to government oppression in every form.

If you think you've got what it takes to be a YLA coordinator, write or call us collect. We've got a campus information kit that will get you started. And we'll give you all the help and advice we can.

One final word: As a YLA campus coordinator, you'll do a lot of hard work. And the salary is zilch. But there is one small compensation: You'll be helping to achieve Freedom in Our Time.

YOUNG LIBERTARIAN ALLIANCE
1516 "P" Street, N.W.
Washington, D.C. 20005
(202) 232-2089

Pissed Off

5:40 Friday, March 12—I am thinking of a final I will soon take. I hear a splashing sound. There, on a Blacker balcony is some idiot relieving himself into the parking lot. Some other nerd is with him watching. I did not see either one clearly and did not recognize them. Whoever you are, it was disgusting and revolting. It is people like you who thoughtlessly wreak havoc with the physical environment of Caltech. Anyone who walks by will have the opportunity to be nauseated by the stench of the puddle you left. In case you didn't know, it is customary, for

sanitary and esthetic reasons, to use a toilet when one is available. I am sure other houses would be glad to let you use their facilities if every single toilet in Blacker House is in use. For the sake of others, next time act like a toilet-trained human instead of a mole.

P.S. It just happened again at 6:30! I don't know if it is the same moron (it is now pretty dark), but to whom it may concern: please keep your cesspool self from turning this place into a sewer. If you have no other place, stick it in your ear.

Women Degraded by Supercock

To the Editor of the Tech:

At Decompression Chamber on Sat., March 14 I poured two cups of water on a film called "Supercock" that was being shown. I would like to explain to the Caltech community why I felt the need to take such an action.

I came to Caltech six months ago as an undergraduate exchange student. Since then, I have been appalled by the degree of sexism on this campus. As a pointed example, on going through the Caltech bulletin (Sept. 1975) I counted six women (only two in the sciences) in the professorial ranks, out of almost 250 people. How are women students supposed to take themselves seriously when they see how rarely women are given good jobs in the sciences? And how are the men students supposed to take the women students seriously? I would like to think that they do, but the showing of "Supercock" destroyed any illusions I might have had. How can men who watch films depicting women as cunts treat women students as equals? Obviously, these two views of women are mutually exclusive.

Several months ago, there was

some discussion in this paper of the need to have more women students at Caltech. I feel it will be a long time before this happens. Any institution where a film such as "Supercock" can be shown with so little objection, does not *deserve* to have women attend it. No one should have to see themselves depicted as a sex object while trying to get an education.

It was my anger and frustration with having to do just this that compelled me to voice my opinion. I hope I have also forced some people to reexamine their opinions.

Sincerely yours,
Elisse Ghitelman

ERROR

I don't understand Ackermann's arithmetic in his article in the last Tech of second term. If 600 people out of 2.5 million are in prison, doesn't that make one out of 4200 rather than one out of 450? Please explain.

—Judy Powelson

It seems that Mr. Ackermann erred by an order of magnitude. Our apologies for not catching it.

THE ASCIT FRIDAY NIGHT MOVIE

Beyond The Valley Of The Dolls

7:30 p.m. & 9:30 p.m.
in Baxter Lecture Hall

Admission: 50¢—ASCIT members and their guests; \$1.00—anyone else

NEXT WEEK

The Wrong Box

Parking Policy

Implemented

Beginning Monday, April 5, there will be a new policy for student parking and use of the Olive Walk. The IHC has set the following guidelines:

Between the hours of 8:00 AM and 5:30 PM, no students will be allowed to drive or park on the Olive Walk. Any car found on the Olive Walk will be immediately ticketed, or, if there is a record of more than three tickets, the car will be towed at the owner's expense. If students cannot make deliveries for purposes of loading at any other time except during these hours, clearance may be obtained from Campus Security.

From 5:30 PM to 8:00 AM weekdays, and on Saturday and Sunday, the Olive Walk will be open to student use. However, parking may be done only on dirt areas. Cars parked on brick or cement will be immediately ticketed, or, if there is a record of more than three tickets, the car will be towed.

Note that there are only three ticketing violations before towing rather than five as previously. Repeated violations will result in many towing fees and will also be brought to the attention of the Master of Student Houses.

The CALIFORNIA Tech

Friday, April 2, 1976

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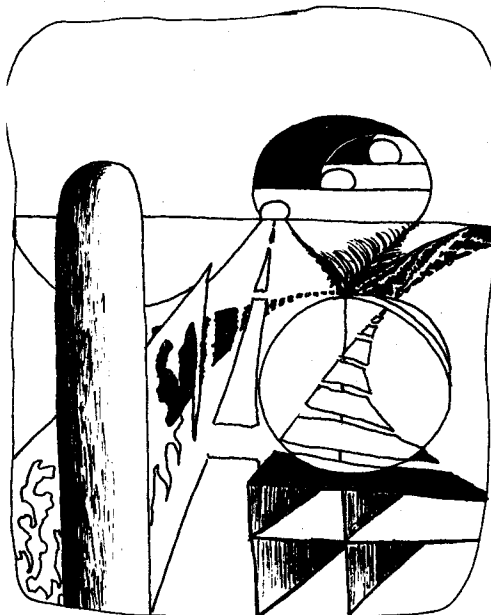
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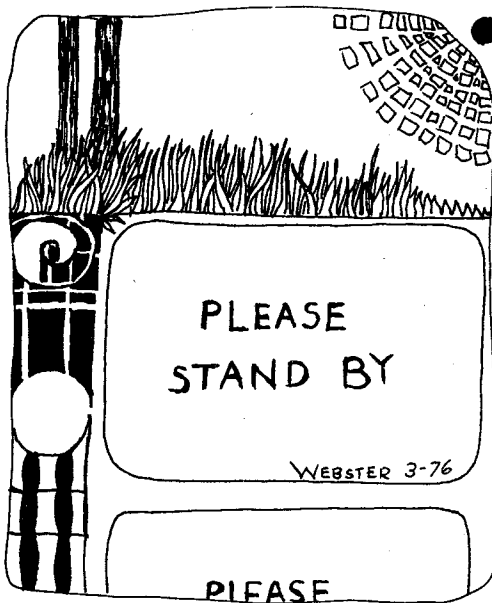
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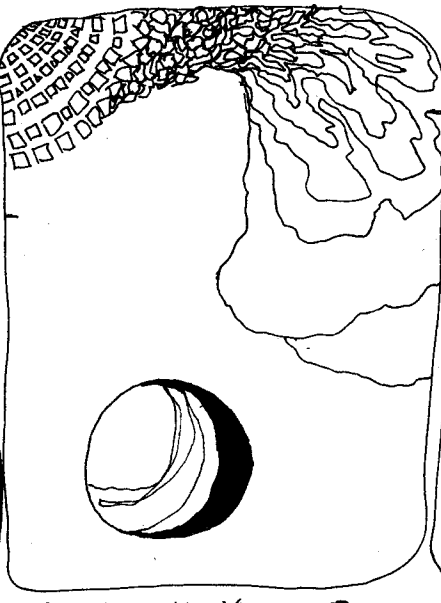
BROWN BETTY THE NEW FINGER SIZE HILL OF BEANS



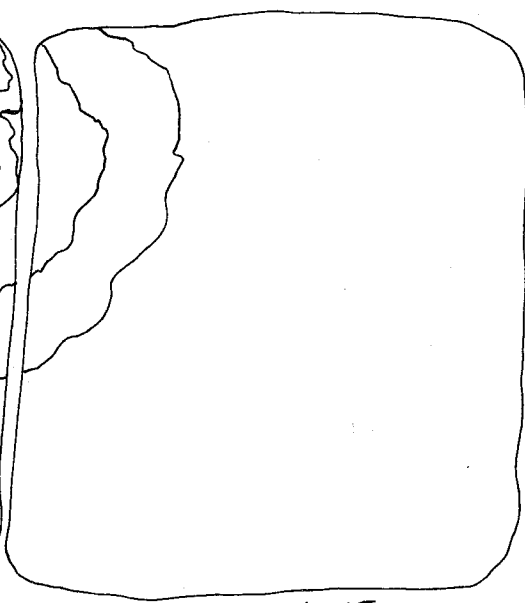
PREPARE FOR THE SUMMER
BIRTHDAY PARTY....



SO MUCH OLDER
THAN TELEVISION...



SO MUCH YOUNGER
THAN RAIN...



SOME THINGS LAST...
HOW OLD IS A PERSON?

Research

A grant from the Richter Foundation will again this summer support research by Caltech undergraduates in mathematics. Six individual grants providing a stipend of up to \$950 for ten weeks are available. Application forms may be picked up in the Math office (253 Sloan) and should be returned to Richard Dean (362 Sloan) by April 12. Any Caltech undergraduate may apply. Last summer research awards were made to Leslie Deutsch, David Dummit, Carl Mueller, James Seidel, James Shearer, Bert Wells, and Hugh Woodin.

Lose Weight

The Health Center weight control & exercise program will have a discussion and demonstration of relaxation techniques. The date is Wednesday, April seventh from 12:00 noon to 1:00 PM. John Dykman, Institute Psychologist will be the speaker. Several relaxation techniques will be presented and the audience will have a chance to practice each of them. Loose, comfortable clothing is advised. The entire Caltech community is welcome. Coffee & Tea will be served in the lounge. There is no charge for this lecture demonstration.

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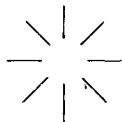
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try, engineering, astronomy.

**Roy Andries de Groot,
wine editor, Esquire Magazine says:**

**"I have never found any wine to equal the combination
of quality and value of Gallo Hearty Burgundy."**

Paul Kovi, wine editor, Sphere Magazine:

**"Hearty Burgundy receives well-deserved recognition
from both layman and expert."**

Robert Lawrence Balzer, Holiday Magazine:

**"Gallo Hearty Burgundy is the greatest
value in red wine in America..."**



**Judge it yourself. Ernest & Julio Gallo's California Hearty Burgundy.
Richer, more robust...the Best of the Burgundies.**

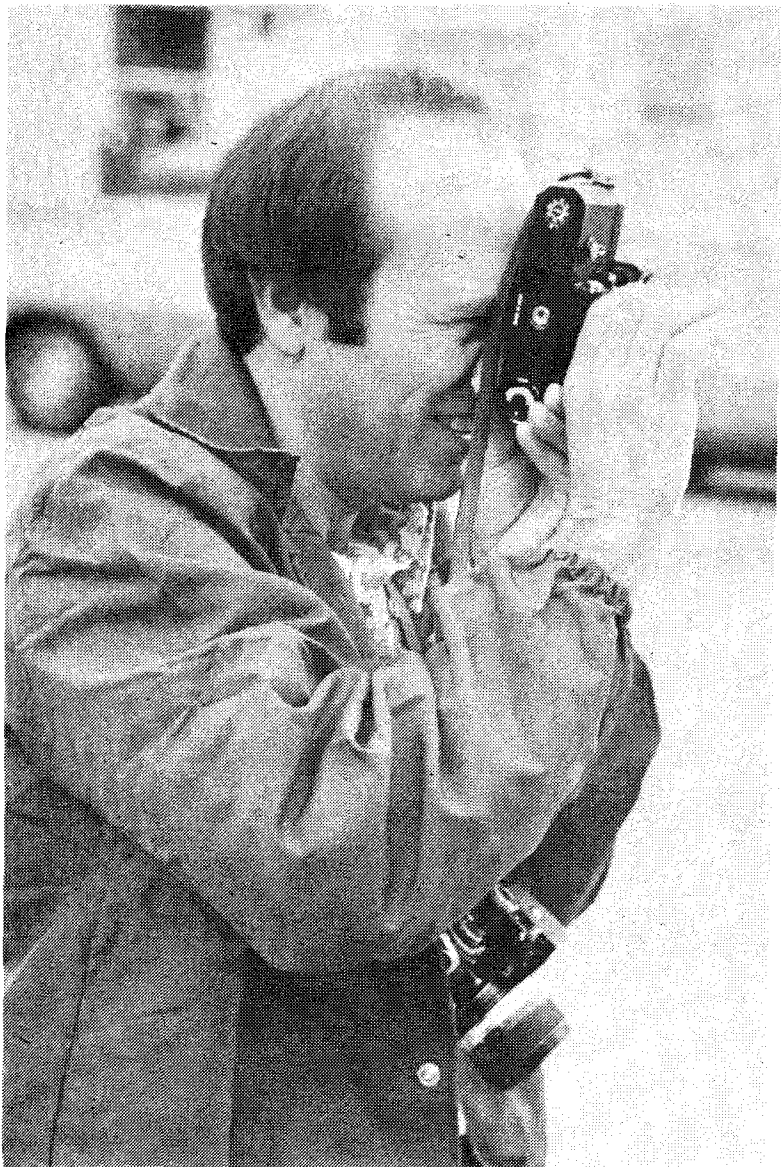
**Gallo Hearty Burgundy
The Best of the Burgundies**

Hearty Burgundy of California. Gallo Vineyards, Modesto, California.

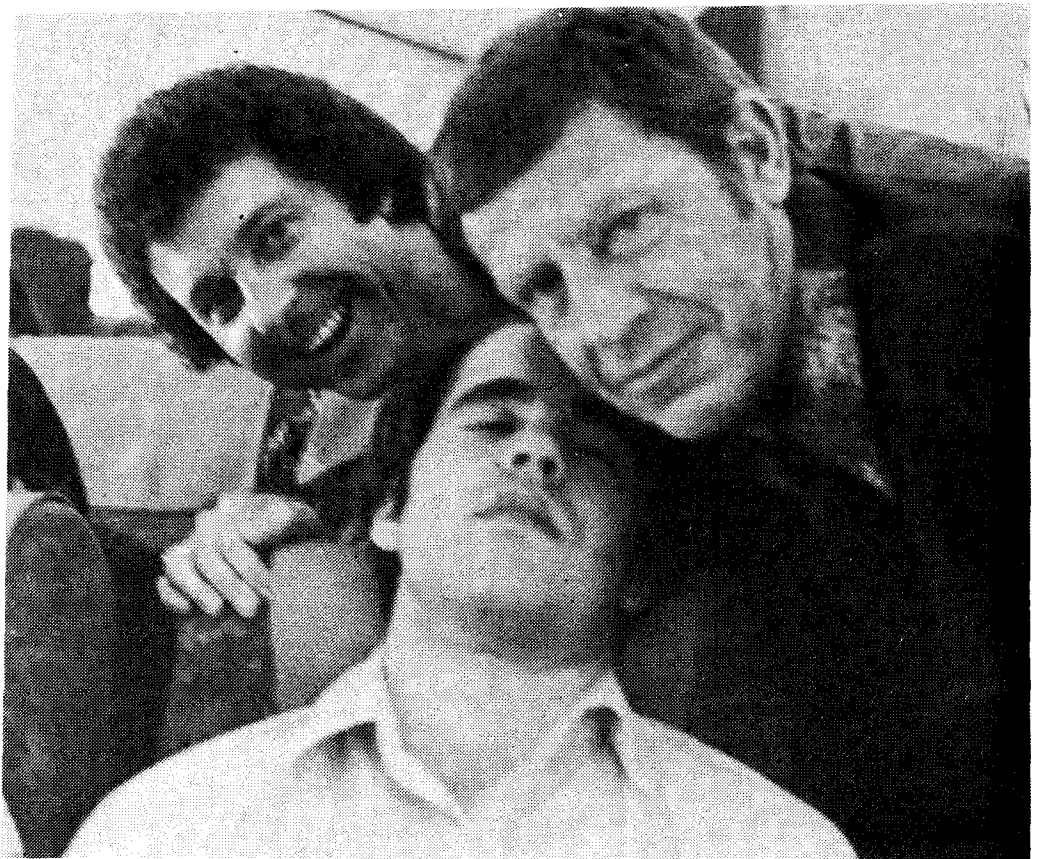
Glee Club Spring Tour

The South

Photos by D. Wheeler



KGB agent dogged Glee Club throughout tour.



[Ed. Note: These are but four of the four thousand photographs taken during the Glee Club's spring tour.]

Green Stamps, Anyone?

Pleading Before UASH

Many undergraduates during their stay at Caltech, will find it necessary to petition the Undergraduate Standards and Honors Committee (UASH) at least once. This article will give an overview of what UASH does and what its general policies are. One caveat is referred: UASH policy changes frequently. This article is intended only as a general guide and not as a rulebook.

UASH spends most of its time considering reinstatement petitions. A student needs to petition for reinstatement under the following circumstances: 1) failure to maintain a 1.4 GPA for a term, 2) failure to maintain a 1.9 GPA for a year, 3) failure to register for the previous term except when on an approved leave of absence, or 4) receipt of 5 or more units of F during the freshman year. You will be notified by the Registrar's Office upon flunking out and you should obtain a UASH petition from that office. Note that if you desire to leave Tech for a term or two after flunking out, UASH will refuse to consider your petition until you are ready to register.

The UASH petition consists of two parts. First your advisor must submit a statement discussing his views as to whether or not you should be reinstated. If you are either not on good terms with your advisor or don't know him very well, you may wish to submit a letter, in addition to your advisor's statement, from another faculty member or TA who knows you. You must also submit a personal statement. This statement should clearly and concisely explain why you wish to be reinstated and why you feel that you won't flunk out the coming term. If you've been away from Tech, the committee will also want to know how you've been spending your time. Having held a job of responsibility or having received good grades in scientific courses at another school will generally impress the committee favorably.

Students who have only flunked out once will generally only need to speak to the Dean of Students (except freshmen). All others must be interviewed by UASH on Registration day of the term for which reinstatement is desired. (Exception — at the end of third term in June there is an extra UASH meeting) During the interview the committee may ask detailed questions regarding your petition. Although the ability to speak well will probably help you during the interview, don't attempt to BS the committee — it's one of the quicker ways to find yourself looking for a job.

UASH spends a fair amount of time considering petitions from students who wish to drop a course after Drop Day. A UASH petition is required for this, although an interview is not. Late drops are generally only approved in two circumstances. If an illness prevented you from dropping a course before Drop Day, you may be allowed to drop the course if a letter from a

doctor accompanies your petition. Also, if you took action to drop a course before Drop Day but could not complete that action until after Drop Day (due to your advisor being in Timbuktu or at UASH meetings) you may be allowed to drop the course. In such a case it is advisable to try to secure an alternative signature (e.g. department chairman) before Drop Day rather than waiting until afterwards. If you do find it necessary to wait until after Drop Day to complete your drop card, let someone (e.g. your advisor, the registrar, a UASH seer) know about it before Drop Day. This will greatly improve the chances of your petition being approved.

A popular misconception among undergrads is that one can

routinely take a leave-of-absence after Drop Day. Such a leave, however, is tantamount to dropping all your courses and thus you must petition UASH. As with late drops you must show that you took action to go on leave before Drop Day but that extraordinary circumstances (Bubonic plague, terminal cancer, etc.) prevented you from completing action on time. It is generally not sufficient to state that you meant to take a leave (or drop a course) before Drop Day — you must show that you actually took steps to complete the necessary paperwork. It may seem a contradiction of the Honor System that UASH will not merely accept a student's word that he was going to leave (or drop) before Drop Day and instead requires that the intent be demonstrated by an action, however, UASH does not wish to be placed in the position of interpreting what was in a student's mind on Drop Day. The committee thus maintains

the more concrete standard. (As the committee makes no decision governing what was in a student's mind on Drop Day, it must assume that students intending to leave or drop are just as likely to initiate necessary paperwork as students who have no intention of leaving or dropping. —Ed.)

Petitions to take fewer than 36 units are another matter considered by UASH. Caltech has a policy of not allowing people to be part-time students. Thus, except in rare circumstances, a person will be allowed only one term of underload and then only in the senior year.

A number of other types of petitions are also handled by UASH. Petitions to add courses after Add Day are generally approved if they have the instructor's approval. Overload petitions are generally approved if you are doing well academically. Petitions to change a course from graded to pass-fail after Drop Day are handled along the same lines as late drops.

Occasionally a situation may arise in which a student needs to know before the regular Registration Day UASH meeting whether or not a petition will be approved. Such problems can be handled by bringing the petition to the attention of the UASH chairman — currently David Wales. Occasionally UASH has an extra meeting sometime around Drop Day and the petition could be taken up then. In other very special cases (the French Foreign Legion wants to see your student defer) the Chairman may take action on the petition himself after consulting with other UASH members.

There is, finally, the Honor part of UASH. Every third term the committee meets to select the recipients of the Sigma X Green, Clark, Froelich, and Royal Society Awards. In addition, the committee approves the undergraduate graduation list and the graduation with honor list.

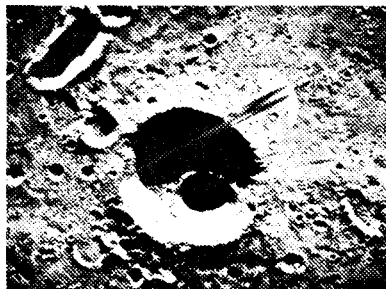
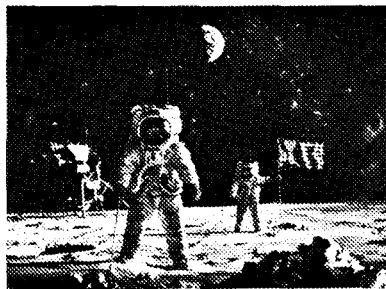


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"First Men on the Moon" a 24 x 28 inch lithograph in brilliant full color.

"Apollo VIII Coming Home" a 24 x 28 inch lithograph in brilliant full color.

My-Set-is-On

The Airwave Sitcom Popularity of MTM

This week we will look into five of the most popular sitcoms on the airwaves today, which coincidentally or not, all share a common heritage. These shows are all produced by MTM (Mary Tyler Moore) Enterprises, easily identified by the meowing tabby cat (a la MGM) at the conclusion. MTM, along with Norman Lear, are the two dominant, creative forces in commercial television today, primarily on CBS.

The Bob Newhart Show (Saturday 9:30, CBS) offers that venerable comedian as a Chicago psychiatrist, his wife (Suzanne Pleshette) and their day-to-day lives, coping with their friends and patients. Showcasing his own special, subtle, wry humor to great effect, this program has proven to be a very durable and slick entry. Sometimes silly, but often worth the wait. If you like Bob Newhart's stand-up routines, and many people do not, you will surely enjoy his show.

Doc (Saturday 8:30, CBS) is a cutesy show about a crusty old

doctor, his family and patients. (Sounds familiar, you say?) This loser is very inconsistent in quality. Uses an old sitcom axiom: lots of in-laws make for lots of plots. Trite, soupy drivel; in short, garbage.

Mary Tyler Moore (Saturday 9:00, CBS), a much honored, familiar show about a mid-thirtyish, Minnesota single girl's day-to-day struggles as associate producer of a TV news show. The cast is excellent, the writers are not afraid to explore diverse, meaningful subjects, as well as just plain, good, clean fun.

A fine example of the depth of the cast is the fact that two of the show's principal characters left and now have their own hit CBS programs. Exemplary of MTM's success is the alteration of the theme song's lyrics. First season "... you might just make it after all!" Now: "... you're gonna make it..."

Rhoda (Monday 8:00, CBS). Mary Tyler Moore's upstairs chum (Valerie Harper) moved back to New York, got married

and has her own thing going with the world. This program also possesses a superlative cast. In addition to Valerie Harper, David Groh is fine as her husband, Joe Girard, Julie Kauner is very good in the role of the overweight sister, Brenda. Nancy Walker is absolutely superb as their meddlesome mother. This year Miss Walker owns the distinction of being the only person ever to

receive two best supporting actress Emmy nominations in the same year. (She is also a regular in NBC's *McMillan and Wife*). Rhoda is witty, unpretentious, and great.

Phyllis (Monday 8:30, CBS). This season MTM's downstairs neighbor (Cloris Leachman) entered widowhood. So she and her daughter Bess (Lisa Gerritsen) packed up and moved to their

in-laws' in San Francisco, virtually penniless. Finding herself in the same predicament she was in 20 years before (i.e. unmarried), Phyllis is trying it all over again. This does not, however, transpire without difficulty. After all, perspective is 90% of the game. Cloris Leachman, as always, is magnificent in this role. She does it a great justice, with her perfect comedic timing.

—Eric Carter

Saturday Night at the Cinema

This Saturday night, Cinemathech will unleash the first show of its Spring film series upon the Caltech community, with three fine art films to be screened at 7:30 and at 10 p.m. — *A Day in the Country*, *Cries and Whispers*, and *Le Dove*. Baxter Lecture Hall is the location; one dollar is the admission, for ASCIT and GSC members.

Cries and Whispers (1973) is a major recent work directed by Ingmar Bergman, the most prominent Scandinavian film-maker of the past few decades. This is one of his few films which centers on women almost exclusively; the four female protagonists represent the elements of womanhood as envisioned by the male director. Synopsis: at the turn of the century, a spinster (Harriet Andersson) lies dying of cancer. Her sisters, played by Liv Ullmann and Ingrid Thulin, come to her side through her gradual death, reliving memories and old enmities. Bergman develops this simple, dramatic construction into a trance-like progression of emotionally charged images, a fleshy and obsessive exploration of this woman's world of pain. His universe contains bitter and violent women, haunted by guilt and Godlessness.

The sisters are unit portraits of fictive womankind as painted by Bergman. Andersson, as the tortured and moribund Agnes, is a gently devout virginal figure, a rather dim innocent caught by untimely fates. Ullmann, who has since moved into a number of non-Swedish movie roles, is well equipped to portray a sensual,

indolent, vacuous Maria, Woman as Child Adulteress. Maria is emotionally arrested at the maturity of a (rather loose) high school girl; restless and shallow, this scarlet woman is childlike in her lazy seductiveness — she sleeps with a doll, an overt Bergman device. As the third sister Karin, Thulin portrays a self-tortured and untouchably reserved woman, isolated from human contact by her inner rage and contempt, drowning in self-destroying guilt and tension. As befits these three simplified visions of woman as Virgin, Slut and Flagellant, *Cries and Whispers* is shot mostly in colors of white, red (or luscious pink) and black.

The fourth woman in Bergman's parable is an Earth-Mother sort of peasant; Anna, the old family servant, whose own daughter has died, is the only character who can give of herself to another the solace and comforting embraces which the dying woman craves.

Evidently this is a painful movie, for Bergman's little universe of Woman is one beset with destructive guilt, mutilation, and trauma. The reader should be cautioned that this is a film for adults, that it contains bizarre and repulsive material debasing to womankind, and that it will probably depress the viewer. Bergman is a powerful manipulator of dreamlike images and the oracular feeling evoked therefrom; his presence is quite palpable in the film. The camerawork by Sven Nykvist is intrusive and shrewd; one becomes aware of human fleshiness, of the

female body, of the texture of a woman's skin. In some ways, *Cries and Whispers* may be unreal to the extent that the viewer perceives the cold games Bergman plays as he twists performances from the actresses. It is a cold and obsessive film, highly recommended for thoughtful viewers. It is not Bergman's best, but it's up there. Don't let it bring you down.

A Day in the Country (or, *Une Partie de Campagne*, 1936) is a short and sentimental tragedy from director Jean Renoir's middle period. Based faithfully on a story by Maupassant the plot takes the viewer from light comedy through seduction, a powerful love scene, to ultimate despair, pathos and disenchantment. Wendy, what went wrong?

Renoir displayed unusual craftsmanship in this little gem, stretching his camerawork to examine the dramatic and sentimental elements of a short story. This was impressionism in cinema at a brief but pleasing juncture in the development of the art.

Le Dove (1968) is an absurd comic short, designed to balance against the other two flicks, which are sort of depressing. A Bergman parody, it may prove amusing even to those who don't catch the preposterous references and visual lampooning of the Melancholy Swede's past masterworks. *Le Dove* is in English, though it doesn't seem so. Don't watch it before seeing *Cries and Whispers*; this satire may spoil the real Bergman for the viewer.

—Lewis Hashimoto

ATTN.

All Graduate Students and Research Fellows

The Master's office is soliciting applications for Resident Associates to fill the positions opened by the four Resident Associates who plan to leave at the end of this academic year. The positions become effective the beginning of the academic year. Typically, the R.A.s are available for consultation, guidance, and sometimes just companionship. They are the liaison between the houses and the Master's office.

R.A.s are paid \$1000 per academic year, plus room (furnished apartment in the house and maid service) and board. They are given a supplemental food allowance of \$85.00 per term per person, and, in addition, some reimbursement for hosting social functions. R.A.s can be single or married, and have one or two children.

I should like to urge all interested graduate students and research fellows to apply. The deadline for receiving applications is April 10. You may pick up an application in the Master's office on the Olive Walk anytime before that date.

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A Denial of Rights

Continued from Page One

ion to postpone his sons' migration was a political one. Trade Bill was abrogated a days later), and his secrecy-clearance had been revoked with the approval of Chairman Andropov and the decision was final.

It should be noted that Dr. Levich has not had any connection with secret work since 1948 when he deliberately stopped working in the field of nuclear physics. All the reconsiderations of the question of his secrecy clearance were a bureaucratic procedure created by the KGB itself.

Missives to the Void

Two of Benjamin's letters will convey his views of the issue. For further information, attend the seminar.

Open Letter to L. Brezhnev, G. Ford, V. Giscard d'Estaing, O. Palme, H. Wilson

In your persons I am appealing to all leaders of the countries—participants of the session on security and cooperation in Europe. A remarkable feature of the Concluding Act of the session on Security and cooperation in Europe is that it contains, in particular, significant items of humanitarian nature. Having signed the document the leaders of countries-participants have taken responsibility for the fates of individuals. The latter circumstance has enabled me, who is by no means a politician, to appeal directly to you.

The problem of free choice of the country of residence—the first among human liberties—reduced in the Concluding Act to its quite limited aspect—reunification of separated families, has caused some disappointment. Nevertheless, even this limited step has raised hopes in the souls of the people. Their fates, it became obvious were no longer considered as an internal affair of any state. Arbitrariness, it seemed, even in a narrow humanitarian question was put to an end.

Four months have passed since the signing of the Concluding Act of the Helsinki Session. This is a sufficient term to determine the tendencies which have arisen.

I shall endeavour to analyse these tendencies, using an example which I am most familiar with—that of Jewish emigration from the USSR. Certainly—and I would like to emphasize it—I am far from the idea that Jews as a

nation have any advantage over others in the right to emigrate. Due to historic causes, however, and owing to tragic events of the recent past, the Jewish issue is as a rule connected with the reunion of separated families.

Much to our disappointment one can state that the situation in this question has not improved but, on the contrary, deteriorated, since the signing of the Concluding Act of the Helsinki Session:

1) the departure of scientists and skilled specialists, both old 'refuseniks' and new applicants, has practically stopped. Thus, the situation of this especially discriminated category has been changing only for the worse.

2) one cannot see any new approach towards considering applications of family reunion "in a positive and humanitarian way", including even urgent cases especially emphasized in the Helsinki document—those of reunification of aged and sickly parents with their children.

3) as to reconsidering applications declined, including urgent cases "within a short period of time", the official reply just as before says: "you may apply anew not earlier than in a year."

4) officials state that they have not got any new instructions in the question of family reunification after Helsinki Session.

5) on the other hand officials have begun using the Concluding Acts of the Helsinki Session to substantiate their refusals. Denying applications under the pretext of "having classified information" they refer hypocritically to obligations accepted by the countries—participants of the Helsinki Session to respect internal laws and regulations.

It is appropriate to mention here that the intention to leave the USSR does not in the least contradict to any of the Soviet laws. As to such regulations, they have never been openly published and are not known to anyone. Since even the term of detention in this country based upon alleged secrecy is known to no-one, in each case the question is being solved quite arbitrarily.

6) concern expressed by Western people about the families who are denied an opportunity of reuniting is announced by some Soviet officials as an action contrary to "the spirit of Helsinki".

Evidently, if wishing, anything

might be turned into its exact antithesis.

The life of those who have been in vain striving for years for the right to leave is deplorable indeed. While ostracised and considered almost as traitors of their fatherland, cut off from habitual work and thus losing their professional skill, often separated from near relatives unsure of their fate each day and each hour, passing on from hope to despair—all these people have been actually living in a peculiar "spiritual ghetto".

Fedor Dostoevsky, a great Russian writer, once expressed an idea that no happy society could exist while founded on the blood of even a single child. I believe that no happy Europe can exist while passing by indifferently thousands of mutilated human fates.

The situation existing in the question of family reunification contradicts obviously the spirit and the letter of the Helsinki Session.

The urgent personal intervention of leaders of countries—participants of the Helsinki Session is requested. This intervention should ensure the actual implementation of one of the most important principles of the Helsinki Session in a humanitarian field.

Open Letter to 72 Colleagues in the Academy of Sciences of the USSR

With a painful feeling I read your letter of October 25 printed in "Izvestija" for the purpose of defaming Academician A.D. Sakharov. I reject totally the assumption that your letter was written under anyone's pressure but not of your own accord. Just as well do I wish to assure you that my letter is by no means connected, to use your terminology, with "intrigue of certain circles concerned with reversal of detente and revival of cold war". Nowadays, however, scientists more than ever before bear the responsibility for humanity. More than ever before the fate of members of scientific community themselves depends upon their professional solidarity. Therefore I as a scientist am appealing to you as scientists.

There are people among you whom I have personally known and respected as scientists all my life. There are people among you whose contribution to science has been well known.

The more amazing is your decision to put your signatures under the paper which is so far from truth and justice.

I am not going to dwell here upon ideas expressed by A.D. Sakharov. The Nobel Prize Winner Academician Sakharov does not need my personal protection.

As far as I know you do not

share views and conceptions of Academician Sakharov. But then a natural question arises. Why, within many years not one of you has made any attempt to refute or at least to discuss his ideas using generally accepted methods of scientific debate? Did you not have every opportunity of doing so? Or might you not have anything to say in the course of scientific discussion?

Instead you have chosen the way which was unfortunately used already before?

You put your signatures under the paper where Academician Sakharov's conceptions were stated by means of selection of taken out of context half-quotations. You as scientists understand only too well that this kind of quoting is not only unconvincing but surely intolerable. Meanwhile, by means of such an approach you attempt to proclaim Academician Sakharov as an anti-patriotic person and antagonist of detente.

Who might believe, that Andrei Sakharov, a scientist and a humanist, just as well as all other sensible people though, might be hostile to genuine detente? The three times Hero of Socialist Labour of the USSR, the many times State Prize winner Academician Sakharov has done for the might of this country more than anyone else among scientists now living. Is this not actual patriotism?

Many of you who have known Andrei Sakharov personally cannot but believe that he is always impelled by profound love for his people and for the whole of mankind. Don't you think that your mistreatment of Academician Sakharov might objectively damage the cause of scientific cooperation, the latter playing a significant role in the process of detente?

Then why did you do this? Most likely you do not believe in God. Therefore God's judgement does not frighten you. There exists, however, the judgement of contemporaries and of those to follow.

Finally there exists the most relentless of all judgements—the verdict of one's internal conscience. At a certain time of life no one can escape that verdict.

—B. Levich

Corresponding Member of the Academy of Sciences of the USSR

Guitar Class

Classical and Flamenco guitar classes will again be offered this quarter with guitarist, Darryl Denning. Classes are free to Caltech students and will meet on Tuesdays in Fleming Music Room beginning April 13. The Beginning class will be at 4:30 PM and the Intermediate class at 5:30 PM. For further info please call Mr. Denning at 650-1692.

Self

Defense

A class in self-defense for women is currently being offered by the PE department. The class is to meet at 3:00 PM on Tuesdays and Thursdays, but at present there are not enough people registered for the class to continue. For details, call Coach Gutman at X2146.

Prefresh

Tours

Prospective freshmen will soon be visiting campus and will need places to stay and freshmen to show them what classes are like. If any of you freshmen is interested in showing someone what Caltech is like, please contact Jim Backus in Dabney.

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Perusing This Proust T'aint Time Lost

Monsieur Proust, by Celeste Albaret. Edited by Georges Belmont, translated by Barbara Bray. McGraw Hill 1976, \$12.50.

The whole salon was filled with apprehension as it was to be the literary meeting of the century. Finally James Joyce and Marcel Proust came face to face and shook hands.

"Have you read *Ulysses*," inquired Joyce.

"No," replied Proust. "Have you read *Time Lost*?"

"No."

"Very nice meeting you," concluded Proust as he walked away.

Ever since his death in 1922, there has been a constant deluge of unsubstantiated stories about the life and affairs of Marcel Proust. For over fifty years the person who could do the most to set the record straight, his housekeeper Celeste Albaret, remained silent until the body of falsehoods grew to such a size it could no longer be ignored.

Thumbing through the pages provides a treasure trove of information not only about Proust, but also about Paris during and after the 1914 War. Indeed, while Proust's sparse appetite is being emphasized, one is provided with a veritable gastronomic guide to the best eating in wartime Paris. (Sole from Felix Potin's, Mullet from Prunier's, *petits fours* at Rebattet's, a brioche from Bourbonneux's, Pastry at Latinville's, Bourdaloue pears from Larue's, fruit at Auger's, Raspberry or Strawberry Ices from the Ritz, Red-Currant syrup at Tanrade's, Beer from the Brasserie Lipp...) Proust subsisted solely on cafe au lait (never more than two cups in a day) and one or two pastries for the latter half of the ten years—much to the amazement of Albaret. There were also occasional beers, most notably while he was on his deathbed.

The search for character models and a sense of urgency

concerning the time allotted him to complete his "book" drove Proust ever further to the limits of his endurance. Celeste makes the case that while Proust was very selective in matters that could affect his health, he fell short of being a hypochondriac and actually frequently disdained medicines and therapeutic procedures. Proust's obsession with maternal love is clearly evinced in a variety of incidents and the effect this had on his writing is broadly hinted at. What really sticks in the mind is the clinical approach he took to writing, carefully gauging his time and seeing people always for the furtherment of a character and rarely for socializing pleasure. All of these acts are seemingly directed over a course of ten years to the goal of finishing the "book." Remarkably, Proust actually wakes up one morning and informs his dear Celeste that he has finished. I know of no other writer of such stature who was so confident and absolute about

the length, content and end of his work.

At the same time, Proust was supremely confident of his greatness. As Celeste relates him telling her one night: "It took a hundred years for Stendahl to become famous. It will take Marcel Proust less than fifty." Proust buffs will get their rocks off on this one and the fellow that reads and runs will find time well spent. As I opened with an unsubstantiated Proust vignette, let me close with one of Albaret's:

"Marcel Prevost, the novelist I've often mentioned to you, kept hovering around me. I was with some people who were congratulating me about my books, and he came up and said: 'Good evening, Monsieur Proust.' I tried to get out of it by pretending not to have seen or heard. A moment later he returned with: 'My dear colleague.' Again I didn't see or hear him, but he didn't get the message. He came up behind me

a third time, and said, 'Dear Monsieur Proust, would you believe it, the other day we were taken for each other.' Then he turned around and said in a low voice so that everyone nearby would hear: 'Only the initial could be confused!' After that he didn't want to come up to me again, I can tell you. Which is just what I wanted."

Then, laughing: "I don't write novels for people to read on the train."

—Anaconda

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Rock on Rock

Not Dead, But Not Dying

While rumors of an imminent Grateful Dead reunion and tour run rampant throughout the known world, the Dead have kept themselves from rotting away by involving themselves in a couple of new records. One of them is Jerry Garcia's latest "solo" album. Another is the premiere album by Bob Weir's band Kingfish. Thus until that blessed time when the Grateful Dead resumes their decomposition, we have other forms of decadence to keep us stultified.

For the completely uninformed and totally alive, the Dead is the most revered of the so-called underground bands to come out of San Francisco during the '60s. Their music has roots in early rock and roll, folk, blues, western swing, classical and other styles. Guitars and drums are the dominant instruments and the bippity sound of electric organs or synthesizers are patently avoided. Frankly, the music of the Dead is undecipherable. What you must do is head over to Dabney or Ricketts where, for a modest fee, you can be altered into a suitable condition for reception of the Dead. You will be grateful.

Reflections by Jerry Garcia, Round Records.

Jerry Garcia is the lead guitarist for the Grateful Dead. He has produced a number of albums under his own name where the Dead and other people have assisted him. The latest of these is "Reflections" and while

not the best of his own albums, it is not too bad. On half of the songs he is more or less backed up by the Dead, while Nancy Hopkins, John Kahn, and Ron Tutt do most of the work on the other cuts. As such the album is rather schizoid, but certainly half Dead is better than not.

The four Dead cuts are previously unrecorded cuts that should be familiar to collectors of old Grateful Dead concert tapes. All are good songs though "Might As Well" and "Comes A Time" are probably the best. The former is a catchy tune where Donna Jean Godchaux joins in the background for some amusing harmonizing. The latter is the cut on the album I feel sounds most like typical Dead music. "Tore Up Over You" is the best of the non-Dead cuts.

"Reflections" is an excellent title for the album as most of the cuts are wistful and dreamy. The music fits this mood as it mostly is rather laid back and easy as opposed to heavy rockin'. As such though it is pretty good.

Kingfish by Kingfish, Round Records.

Like a steady offshore breeze from the Pacific Ocean comes the music of Kingfish. Kingfish is Bob Weir from the Grateful Dead on guitar and vocals, Dave Torbert from the New Riders of the Purple Sage on bass and vocals, Matthew Kelly on guitar, harmonica, and background vocals, Robby Hoddinott on lead

guitar and Chris Herold on drums.

Originally the band seemed to be pretty much a showcase for Mr. Weir. Now, after a year of playing together, the album displays clearly that this is a well-rounded, tight-knit group where every member makes an important contribution to the music. Bob may still be the musical and inspirational leader of the band, but now Torbert sings lead on about half of the songs. In addition Kelly has proved to be a most worthwhile member especially because of his excellent work on the harmonica. Meanwhile Robby Hoddinott's guitar has had no troubles laying out a real flashy lead and Herold's drumming can certainly not be faulted.

As opposed to the dreamlike quality of most of Garcia's album, Kingfish does a lot of honest rock and roll. In addition the demeanor of both the group and the songs they perform are more aggressive. The best Kingfish songs are bold thrusts at life. For instance, there is "Good Bye, Your Honor" where Torbert sings about jumping bail:

"Tell the prosecutor
He's a lousy loser
He's trying' to sully my life style.
He set that date
Tell him not to wait.
I won't be comin' to my trial."

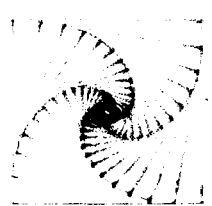
Also there is "Big Iron" which is an old Marty Robbins tune about a brave ranger who guns down a dreaded killer.

Other songs include the hash ballad, "Asia Minor," "Home to Dixie," and "Lazy Lightning". All of these are excellent tunes. Probably the best of all, though, is "Jump For Joy" where the band jubilates in high style over returning to San Francisco.

One suggestion about listening to this album I might offer. As a final song "Bye and Bye" tends to sound too much like an apology. Also "Jump for Joy" makes a better finale anyway. This time I suggest that you listen to side two first, then side one, for optimal enjoyment as I do.

That I am enthused about the Kingfish album would be a simple understatement. I sincerely hope that this premiere album doesn't turn out to be a one shot affair. Of course the conflict between the Grateful Dead and Kingfish concerning Mr. Weir is a sobering thought for in the best of all possible worlds both the Dead and the Fish would exist. Doubtless though I should be happy no matter what the future holds.

—Rock



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