



Dr. Yevgeny Levich gave a series of special talks last Wednesday concerning the status of Soviet scientists denied immigration.
Photo by D. Wheeler

Russ Scientists Denied Liberties

by Greenie

In the USSR, scientists are "well-fed, well-dressed, and well-salaried", one of the privileged classes in Russian society. However, according to Dr. Yevgeny Levich, a Russian physicist now living in Israel, this happy condition lasts only so long as the scientist remains obedient. Once he expresses an opinion opposing that of the Politburo or the Communist Party, he is deprived of his privileges. The government has several means of keeping its intellectuals in line. When a dissident displeases the powers that be, or applies for an exit visa, he is dismissed from his job. Unable to find new work because of his "bad record", he is

subsequently charged with "parasitism", and thus becomes a civil, rather than a political criminal under Soviet law.

Dr. Levich states that only pressure from Western public opinion and the Western scientific community prevents the imprisonment of all dissenters and all persons requesting exit visas. Persons are often jailed under "secret laws" in spite of recent Soviet assurances that all laws are now public. Levich himself was sent to a prison camp north of the Arctic Circle for a year on charges stemming from his refusal to report for military service, before Western pressure forced

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IHC ABOLISHES GAG RULE ON 4-3 VOTE

Fleming, Ricketts and Ruddock Dissent in Trend-Setting Decision; Forgeron Refuses to Withdraw Motion

In the midst of heated debate on Wednesday night the IHC voted 4-3 in favor of eliminating the gag rule with Fleming, Ricketts and Ruddock opposed. The surprising action came in the midst of a flurry of arguments concerning procedures and regulations for next year's Rotation. The second term referendum sponsored by Jim Mayer's Rotation Committee had found student opinion divided almost equally on the issue of eliminating the gag rule.

Main points of arguments from the floor followed these lines: We don't need to follow the referendum. Frosh will hear stories from people they respect, and be misled, regardless of the rule. People may unknowingly spread false information, thinking it is true. Frosh are smart enough to tell truth from falsehood. No, they don't know where it's at. Many frosh think the houses are just a bunch of dorms, and don't realize that the houses are going to do a hard-sell routine. Are the rules there to protect the houses or the frosh? Frosh seem to almost always like where they end up; perhaps the rules protect the houses. Questions of trust, etc., etc., *ad nauseum*.

The actual nitty-gritty was fairly simple. Motion: eliminate hard-line gag rule (Forgeron/Loo, 4-3, German, Guthrie and Mason opposed). Motion passed. Pleased with his success, Forgeron immediately tried to call the question without further discussion. Motion (Forgeron/Loo) to eliminate any gag rule. Mason called for more discussion and the arguers were

far from out of breath. After another fifteen minutes the meeting had degenerated into an argument between a couple of the presidents and a few outspoken people in the audience. Motion (Guthrie/...) to close the meeting and let the IHC talk about the problem without outside interference. Forgeron's motion was still on the floor and he refused to temporarily withdraw it. Thus, the question was called and the vote was 4-3 (Forgeron, Loo, Myers and Zwass in favor. German, Guthrie and Mason opposed.) There was a moment of surprised silence, or was it mourning? As it stands now there will be no gag rule next year.

The IHC approved the remainder of the procedures and regulations for Rotation and never got down to discussing the penalties section. (It was after midnight by the time all the preceding business had been taken care of.) And to recap the rest of the night:

Food Service. Bids have been received from four food contractors: Greyhound Prophet, whom you should be familiar with, Professional Food Management, ARA, and Saga. IHC members have been invited to visit other operations of PFM and Saga, at Pepperdine in Malibu and at Pomona-Pitzer, where they can sample food and talk with students there. The nearest ARA operation is in San Diego, which probably won't be visited as a result. Tech has the dubious distinction of being Greyhound's first foray into the College Food Service business on the West

Coast and they're willing to stand on their record.

Health Center Grievance Committee. Duckert talked about the Health Center Grievance Committee which is gathering membership. At present there is little communication between the student body and the Health Center. The Faculty Health Committee has met only once this year and its two student members (Duckert and Miake) are powerless to call meetings. Moreover, they are often hard to find. Students who try to air complaints at the health center are often brushed off. Duckert wants each house to somehow appoint a representative and thus form a formal committee whose voice might be heard. This is different from Naecker's and Atwater's idea to gather some specific bitches about Ketabgian. Anyway, discussion was closed and the house presidents were asked to get reps appointed sometime soon.

Olive Walk Parking. The new plan seems to be working well. Several compliments have been received from the faculty. German offered to talk to Ahern. (Whatever that's about - the minutes are lacking)

Interhouse Basketball Rules. Guthrie brought up the fact that the NCAA recently revoked the rule against dunking and suggested that the IHC do the same. He started to make a motion to that effect, but German interrupted and called for more discussion. This led somebody to claim that only a couple of the houses had anybody tall enough to dunk the ball. Guthrie stared

at the ceiling with a sheepish grin while murmurs of agreement floated about. "Screw that," he said congenially.

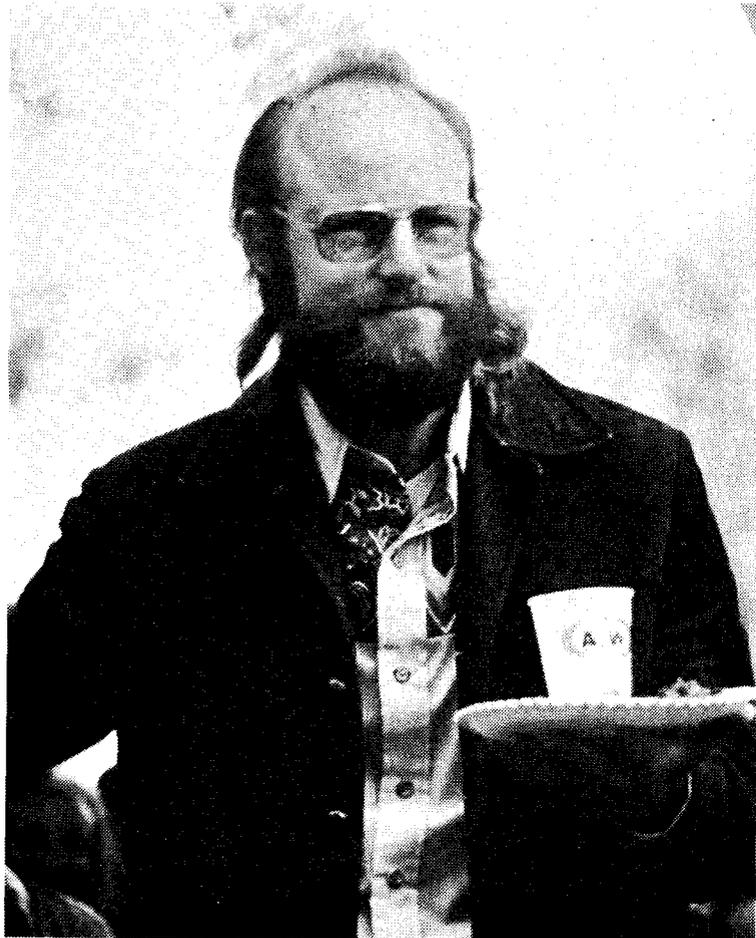
Interhouse Trophy. Fleming is still missing the old Interhouse Trophy and the plaque of Arthur Fleming.

Epistle. Loo had a positive suggestion. Incoming frosh get about a one-inch description of the student house system in the catalog. This was supplanted by the idea of drawing up a letter for the frosh, explaining at length the Houses, Rotation and

exactly what the frosh can expect during his first week - perhaps including a warning to be alert for bullshit. Forgeron had 106 and 92 to do and wanted to adjourn. Loo suggested that a committee be assembled to write such a letter. Eventually there came a motion (Loo/?) to have somebody write the letter, subject to approval by the IHC. Motion passed 7-0. Loo volunteered to write it.

Adjournment.

And at 12:06 a.m. the seats of knowledge were vacated.



New Dean David Wales met with undergraduates at a recent beer and pizza blast. Note flashy shirt behind innocuous root beer. Many thanks to Ray Owen, et. al., for arrangements.
Photo by K. Yoshida

Parry! Riposte!

The Editorial Page

Olive Walk Traffic Dilemma

One of the few things more difficult than walking down the Olive Walk without wrenching an ankle into an angle Mother Nature never intended is doing it on a rainy day. The once well-bevelled bricks have been gouged and twisted by car tires over the years into a miniature Appalachia. Banning all traffic and replacing that plain brown dust with grass would be impractical as cars are needed to haul material in and out of the student houses, but the Olive Walk should not serve as an auxiliary parking lot.

Levelling the bricks to make it the Olive Walk instead of the Olive Stumble costs a bundle of money and will only ameliorate the situation for a few years if heavy, unnecessary traffic continues. To make repair effective, there must be voluntary termination of all but necessary traffic on the Olive Walk. Loading or unloading is a reasonable cause for using the walk. Saving a walk of a block is not sufficient reason.

The new IHC guidelines for traffic on the walk should serve to reduce some of the undesired coming and going, but it will take a voluntary effort by the whole student body to eradicate the problem. And whole student body means you. The appearance of the Olive Walk probably won't change significantly in our time here, but several steps will have been taken.

One topic omitted from the IHC guidelines is the right-of-way. A simple principle applies: the pedestrian always has the right-of-way. Get that, you four-on-the-floor jockies? The pedestrian *always* has the right-of-way.

I hate stepping in mud puddles.

-Sandy McCorquodale

Eheu, Sommer

Mr. Sommer:

I am shocked at your article on the B-1 bomber in last week's Tech. I would expect that, as a coming-to-be scientist, you would know better than to use such irresponsible arguments. Remember: Two wrongs don't make a right. It seems to me that

it is more than sufficient if the world can be destroyed twenty times with the current nuclear arsenal. With all our other problems, we have not been waiting for that new, enormously expensive playtoy.

"Geoffrey - mir graut vor Dir ..."

Richard Ackermann

THE ASCIT FRIDAY NIGHT MOVIE

The Wrong Box

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

Ghitelman Denounced, Defended: Opinion Split

I'd like to take the opportunity of Elisse Ghitelman's letter last week to make a few comments about the women's lib movement, although, not having seen the film "Superclock", I'm not quite sure what I'm defending.

(1) Yes, there is sexism on campus, as well as throughout the world. Yet there's much less here on campus than most other places. Sexism won't be eradicated overnight, and I don't consider it desirable that it should be. Our whole culture is based upon sexist premises, and such things take time to change. I'm not trying to be fatalistic, only realistic.

(2) Yes, there are only six women out of 250 professors on campus. Blame it on conditioning or blame it on what you will, but women on the whole are inferior to men. Most of us simply haven't been prepared, psychologically and mentally, for professorial careers nearly as well as our male counterparts. This is changing, and I'm very glad. But it continues to take time.

(3) Women have cunts just as surely as men have penises. As long as both sexes have very strong sexual drives, we will continue to see the opposite sex (and sometimes our own) as sex objects. I don't see such as being mutually exclusive with seeing those people also as equals. We all have weaknesses, we are all human. I don't like to see the Women's Lib movement as an excuse for even greater sexual intolerance than we have now.

I'm not trying to say I oppose the women's lib movement; on the contrary, I am very much in favor of it. What bothers me is the hysterical attitude many women take towards the movement, as well as the feeling among many that this movement is a one-time thing. We women will always have to fight for our rights, just as men do in order to retain a fairly democratic government. There is nothing alarming about this fact. We have made a lot of progress recently in gaining rights that we should have as human beings, and there remains a lot more to be made. I think now, what we ought to concentrate on is holding on to these gains and proving ourselves really capable of holding them, before we try for more progress too fast. It should always be kept in mind that the Women's Lib movement is never an end, just a means.

Judy Powelson

The Editors

The California Tech

I agree with Elisse Ghitelman. There are far too few women on our faculty; and films such as I take *Superclock* to be are both offensive and offensively sexist.

It's much easier to do something about the second than to remedy the first. I don't know who runs Decompression, but I wish they'd think again—or leave town. As for Elisse, why water? Take a chair leg to the projector.

Sincerely yours,

Peter W. Fay
Humanities

Concerning Ms Ghitelman's letter of last week:

I object to your justification of destruction (of the film) for several reasons.

One of the key marks of a research person is *objectivity*. If you had paid any attention to the film you would have noticed that the female was not the prostitute, but the male was. This is not a "sexist" attitude towards women.

Although not necessarily agreeing with the sentiments of those showing the film, I believe that they had the freedom to do so. Certainly no one here physically attacked the French silent film classic, "The Andalusian Dogs", which has implications far beyond those of your objections.

Finally, violence is not a reasonable form for expressing an opinion (Goodbye, Martin Luther King—we miss you.). Consider the consequences if your water had fractured the white-hot projector tube or entered the numerous surrounding electrical cords, with many barefoot students standing by.

Respectfully,

D. Sivertsen

Error Errata

Our apologies to all concerned. The original error in Mr. Ackermann's article of March 12 concerning Uruguay was purely typographical. There are six thousand political prisoners and not six hundred (a zero here, a zero there, it all adds up), making one person out of 450 as Mr. Ackermann claimed.

Reply to Elisse Ghitelman

In your letter to the Tech last Friday you stated that you poured two cups of water on film because you did not like its contents. There is no excuse for what you did. If you do not like the content of a film you can leave the room. You have the right not to watch that film. You do *not* have the right to prevent other people from watching it. You do *not* have the right to destroy other people's property.

I regret that you felt justified in your act. I am sure that you feel that as the self-appointed censor of our morals you have the right to destroy any thing that offends you.

In your letter you charge Caltech with sexism on campus. Speaking for myself I have never seen any of the sexism you describe. You point out that women are rarely given good jobs in the sciences. I would like to point out that any qualified woman can get a good job. The reason more men have these jobs is because there are more men applying for them.

Signed

Steve Oualline

The CALIFORNIA Tech

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Some Other Anniversaries

by Etaoin Schroedlu

The Bicentennial Year is upon us. (Actually it seems as though it has been already for a good part of those 200 years.) I don't know about you, but I'm finding it all a bit of a drag, and I

imagine that people in closer contact with the mass media than I are finding it a bigger one—and there are ten months to go (or more, if things get out of control: any government capable of decreeing that George

Washington was born on the third Monday of each February is capable of deciding that it will be 1976 all the way until 1984).

The obvious question is, What can I, as a concerned citizen, do in response to the mass commercialism of the so-called Buy-centennial Sell-ebtration? (My own opinion is that mass commercialism is a very appropriate way to celebrate the True American Spirit, or the time-honored and traditional way at least, but I'm not very interested.) A friend has suggested that we all find other anniversaries to celebrate, and has even suggested a few. For instance, Wolfgang Amadeus Mozart was writing music 200 years ago; one could make a point of listening to it this year. (The dictionary says that he was only 20 in 1776. Now that's disgusting. He died in 1791, at an age when some Teachers don't have their PhD yet.) A relative pointed out that Tom Paine wrote *Common Sense*

in 1776, in the early part of the year, and Paine, of course, was a Rabble-Rousing Radical before the history books decided to make him into a Founding Father.

King Etaoin I?

There are other more or less notable anniversaries to celebrate this year also: I can't think of anything memorable that happened in 976, but in 1476 my namesake was King of England, and everybody thought that the Wars of the Roses were finally over. (They were fooled.) Not much happened the next few times around, though we just missed by ten years having the Great Fire and Plague of London, in 1666.

The year 1776 is particularly notable to my tribe, the economists, for the publication of Adam Smith's *The Wealth of Nations* (to use the shortened version of the title). Economists are fond of saying that in the long run, 1776 will be remembered more for this event than for the American Revolution. Now in the long run, as Keynes reminded us, we will all be dead, and I don't see any way of

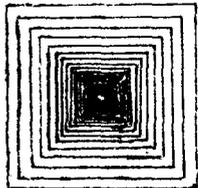
checking up on the claim of Smith's relative importance, but it sounds like phlogiston to me. Probably not one person in ten in the U.S. has ever read any of *The Wealth of Nations*, certainly not one person in thousands has read *all* of it (I haven't), and the U.S. is probably the last great bastion of classical economics. (I doubt that they read Smith in the Soviet Union, or even in Asia.) To be sure, almost everyone who endures introductory economics has heard of the 'Invisible Hand,' a Smithian concept, but most of these students probably just thought, "Sounds like bullshit to me." and went on about their business.

What's Obese, Rich, and (Morally) Gray?

Business, of course, is the interest group most likely to trot out Smith as the patron saint of non-interventionist, bourgeois economics (or else think that all these ideas are new with them), but if they had taken the trouble to read what Smith actually had to say about businessmen, they

Continued on Page Eight

playa brava Coat-Hangers



by Ngapuhi

It is becoming apparent that one of the hottest issues of the 1976 Presidential campaign is an issue that no one seems to be willing to take a stand on. In fact, it may become as important as foreign policy, communist expansion, Mr. Kissinger, the recession, jobs or busing. In a nation shocked by Watergate, questioning its own moral standards, or lack thereof, it is appropriate that this should be such an important issue. I am speaking of course of abortion.

After the Supreme Court ruling those feminists and liberals who had pushed for a change in the abortion laws thought that the matter had been settled. What they did not count on is the fact that there is a very large segment of the population, probably a majority, whose sense of moral rectitude is grossly offended by the thought that abortion should be permitted in a civilized society which supposedly held life sacrosanct. This group, which opposed abortion on moral grounds, was backed by an equally forceful group who felt that it is the state's primary duty to protect the rights of its citizens, particularly the right to life, and that abortion was just the first bit of erosion that could lead to euthanasia and other horrors thought intolerable a few years ago. They argue that society's first purpose is to protect its members and if it abdicates this responsibility to even the least of its members, then in the end none of us can be sure of protection.

For example, abortion has been proposed in the cases of severe deformation. But then the question arises as to what is the difference in destroying a deformed fetus in the womb or immediately after it has emerged from the womb as was done in some more primitive societies, or even several years after it has left the womb as was done by the Nazis. It can not be proven that these people enjoy life any less than we do nor that they have less right to live.

The main argument in favor of abortion is that a woman has the

right to control her own body. The question of abortion is not a question of a woman being denied the right to control her own body. Rather, it is a case of a woman finding herself in a position of requiring an abortion because of her own irresponsibility in not controlling her body. Inherently, the only control nature has given a woman over her own body is the right of abstinence, a right society upholds through rape laws. Clearly, there would be a massive decrease in the demand for abortion if more women would exercise this right, particularly unmarried women. Science has given the modern woman several other means to control her own body, many of which are virtually 100% effective. It is only a woman's abdication of her responsibility to control her own body that puts her in a position where she has lost any control of her body, and must put herself in the hands of an abortionist.

Abortion, then, is the last resort of a woman who has lost all natural control over her body through her own previous negligence. To ask society to condone an action that threatens to destroy its very respect for life—as well as being morally reprehensible to most right thinking people—in the face of such irresponsibility and negligence is unreasonable.

It is unfortunate that before the fading of the feminist fad it has been able to effectively change abortion laws. Much of the reason for the success of this minority pressure group was the lack of any organized opposition to their nefarious scheming. Since that time the pro-life groups have become remarkably well organized and vocal. It will be hard for any candidate to be successful this year without committing themselves and I am sure that those who take a pro-abortion stand will find themselves defeated in November.

Spectrum Production 11
Oscar Mandel, Artistic Supervisor

A wise and jolly comedy:

Lope de Vega's The Dog in the Manger

directed by Shirley Marneus

Ramo Auditorium, 8 PM, April 23, 24, 28, 29, and May 1.

Caltech/JPL Faculty and Staff: \$2:00

Caltech Students: \$1:00

The Los Angeles Times reported on Gallo Chablis Blanc:

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Harry Waugh, in Diary of a Winetaster:

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bouquet, an attractive flavour.."

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Chablis Blanc of California. Gallo Vineyards, Modesto, California.

Bottomless Pit of Juvenile Justice Exposed in Writing

Weeping in the Playtime of Others—America's Incarcerated Children, by Kenneth Wooden. McGraw-Hill, \$8.95.

I approached this volume with some trepidant hesitation, anticipating a boring tome on penology rife with court-case citations. Instead, I found myself in the middle of a shocker of an expose attacking child abuse and experimentation in institutions throughout the country. Reformatories and Industrial schools across the nation are indicted for their gross neglect of the children incarcerated in them. They have ceased to exist for any viable social purpose, becoming centers for political graft and corruption over the years. Wooden traces a direct link between the failure of youth facilities and adult crime. The case history of Charlie Maddox is presented as an only slightly atypical example because of its ending. Born in 1934 to a single woman, he changed his name when she married two years later. In 1947, after living in several foster homes and with a variety of relatives while his mother served a prison term and later proved incompetent to care for him, he became a ward of the State of Indiana. Incarcerated at Gibault Home for Boys for ten months, escaped and busted for bike theft, sent to the Indianapolis Juvenile Center, escaped, caught and sent to Father Flanagan's Boys Town, escaped four days later, stole an old Plymouth, committed two armed robberies, captured and sent to the Indiana Boys School at Plainfield, successfully escaped on the nineteenth try, busted for interstate transportation of stolen car, sent to the National Training School for Boys in Washington, D.C., transferred to Natural Bridge Honor Camp, transferred to the federal reformatory at Petersburg, Virginia, for raping a

fellow inmate, transferred to a tighter security facility in Chillicothe, Ohio, paroled in May of 1954, arrested in Los Angeles in 1955 for auto theft, placed on probation, skipped town and

arrested, served three years at Terminal Island facility, released, arrested for passing a stolen check, jailed on McNeil Island, Washington, transferred to Terminal Island facility for release in

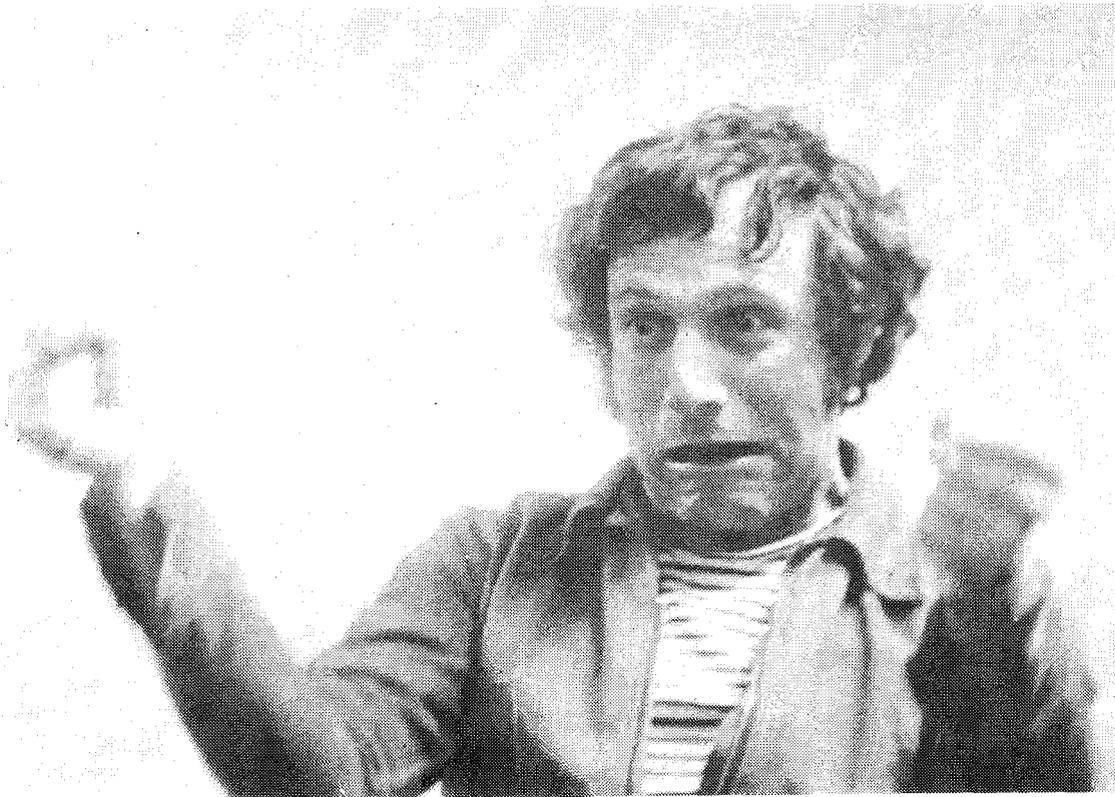
1966, released despite his pleas to remain incarcerated. This inauspicious record then yielded the criminal of the decade. It seems that when his name was changed back in 1936, he became Charles Manson...

Wooden presents the failures of the juvenile justice system from the courtroom through the release from institutions. The descriptions of solitary confinement, beatings, suicide, forced labor, druggings and sexual abuse

are graphic to the point of filling one's throat. In criss-crossing the nation in a series of unannounced visits to juvenile facilities he has collected reams of information on failures so total that not even the employees of some institutions that they are on the payroll as a result of politics. His pithiest example is of a child who died for lack of medical attention. It seems the facility hadn't been able to find a registered Democrat to fill the position of nurse...

In tight, emotion-packed writing Wooden will dispel any illusions you might have about Juvenile Justice. He certainly destroyed mine. The hook is as much a manifesto for action as it is a startling revelation. Wooden has devoted the entire closing chapter to outlining courses of action for concerned individuals and groups, clearly hoping to convince readers of the immediacy of this pustulous infection. This steel sculpture of scandal will probably be read by those elitists considering themselves socially informed, but it should be read by all those hell-bent on using the lock-up to cure delinquency.

—Anaconda



Master Mime Claude Kipnis enthralled audience at recent Winnett Lounge Discussion.

Photo by D. Wheeler

Nothing But Mellow

The Great College Rip-Off, by C.C. Reeves, Jr., is a critical examination of the real and great fallacies of our educational system, written about and for college students. In Reeves' experience as a university professor of geology, the inadequacy of our educational system is blatant and alarming. According to recent statistics, only thirty-four percent of the top fifth of

entering college freshmen ever graduate. Reeves emphasizes that most students who enter college are ill-prepared, unthinking, and most important, have no motivation or love of learning.

In general, students do poorly in college because they do not know how to study, or they get discouraged, or they get poor professors. Reeves shows that the root of the problem of why the college experience is so limited and frustrating lies in our primary and secondary schools as well as in our homes and families. He writes,

"The important thing... is to find out how and why normal children often regress from inquisitive six-year olds to eighteen-year old dullards after only twelve years of school. An even worse paradox is the expectation that a few years of college will reverse the effects."

Natural curiosity is inherent in young children. Theoretically, if curiosity is nurtured at home and in school by good parents and competent teachers, motivation in academic subjects will develop as the child goes through school. If there is natural intelligence, then the child will learn and grow academically. With added encouragement and care from the family and form teachers, a child should never grow to be trapped in drugs, delinquency, and such manifestations of boredom with life.

As our primary and secondary school system presently operates, motivation is never allowed to develop; it is in fact stifled. Many bad students who enter college are the products of bad parents, bad teachers, and bad primary and secondary schools where the emphasis is placed on pleasing the teachers and parents rather than learning to think. School itself is more of a prison with all of the truancies, detentions, hall passes, and the like. Most children realize that the present primary and secondary education is a stifling experience, offering few means of exploring or modes of expression. Children rebel by hating school and looking forward to summer vacation.

Reeves feels that, although the college system has necessary drawbacks in the pursuit of education such as the system of examinations, college on the whole is a place where great learning can take place, and academia can be real and wholesome. Poor professors as well as poor students destroy the college system, and Reeves states emphatically,

"personally I think it is time, in fact past time, to clean our educational house both of faculty who cannot teach, who do not teach and who will not teach, and of students who cannot learn, who do not learn, and who will not learn."

After a three-year absence, the National Shakespeare Company returned to Beckman Auditorium March 14 with a tight and fast-moving version of *The Tempest*.

The elimination of virtually all the minor roles cut the play, one of Shakespeare's shortest, to less than two hours (including an intermission). The action moved rapidly along both major plots from the violent beginning to the eventual reconciliations.

Richard Boddy, a third-season veteran and Company manager, dominated the play as Prospero, the exiled Duke of Milan and now sorcerer supreme. Ariel, Prospero's servant spirit, was played by stocky Vivienne Jenk, who was still able to convey the image of lightness the character requires.

Granvill Marsh, as the king's jester Trinculo, and Philip W. Shaw, as his friend Stephano, were outstanding in their comic roles. John Camera, with heavy makeup and a green overskin, made a very convincing Caliban.

The set displayed the same conservativeness as the play—a quick motion in the dark, and the ship became Prospero's cell. Ariel appeared as the ship's figurehead in the opening scene, a nice touch.

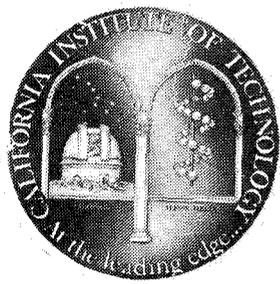
—Gavin Claypool

In his book, Reeves has also provided some useful guidance in spotting good professors, discusses common conflicts, and explains the necessity of examinations. I recommend that you read *The Great College Rip-Off*, and think about the presented statistics, facts, and ideas on education.

Annette Matsuda

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Levich Seminar

Continued from Page One

the government to allow his emigration. Despite several deferments, he was informed that he had been drafted under a secret "emergency" provision. He was denied a trial on the basis of the secrecy of the law.

According to Dr. Levich, the official Soviet policy is to expel Jews from all intellectual activity. He quotes figures that 10 years ago, 40% of the mathematics students at Moscow University were Jewish. Today, none are allowed to enroll. He considers anti-Semitism to be an institutionalized but unacknowledged phenomenon, "known to every Russian". The public denouncements concern "Zionism". Andrei Sakharov, who is not Jewish, was called a Zionist, in what Dr. Levich terms an attempt to discredit him by implying he was Jewish. Dr. Levich described the situation of Jews, especially Jewish scientists, wishing to emigrate as "dangerous". He charged that the Soviet government considers Russian Jews to be a "Fifth Column"; and that years of repression and

discrimination had made this true in some cases.

Why does the USSR want to keep scientists, particularly Jewish scientists, in the country against their wills? Dr. Levich points to a Russian history of imprisoning, rather than exiling its political dissenters. He knew of only two cases of exile, namely, Solzhenitsyn and Trotsky.

Dr. Levich feels that the original "pure dissenters" movement ten years ago wanted to effect political reform, but has been completely destroyed by the same tactics which are being used against dissenters today. The modern movement consists of a few "purely dissenting" individuals, but is mainly composed of persons hoping to emigrate, such as Jews, Germans, and scientists wishing to escape from restrictions on their work.

Scientists are particularly vulnerable to repressive tactics. Their publications must be approved by a local ("institutional") censor as well as a central government censor. Only 4-50% of articles, according to Dr.

Levich, are ever released. In the case of a dissenting scientist, an entire career can be wiped out by the censors. He points to the case of his father, who continued to work in his field for quite some time, during which none of his papers ever reached the West. Levich is "astonished" by the inability of Americans to believe the extent of censorship that goes on in the Soviet Union. He describes the jamming of foreign broadcasts not only within the Soviet Union, but in Europe and the Middle East as well. Foreign publications entering the country are routinely screened, and scientific journals such as *Physics Today* and *Nature* often have entire articles excised. Dr. Levich showed a Xerox copy of an article in a journal brought into the country under American-Soviet exchange agreements concerning a theory his father, Benjamin Levich developed with another scientist, and in which each mention of his father's name had been vitiated. Dr. Levich claims this is in violation of the Helsinki Accords.

Dr. Levich feels that only direct pressure by the Western scientific community can help Russian scientists. Scientific exchanges are quite important to "underdeveloped areas" in Soviet

science, particularly in the fields of genetics and computer science, which were forbidden areas for many years. He quoted a 1952 encyclopedia definition of Cybernetics as "... an imperialist Zionist science designed to keep the proletariat of the world from real problems." In the efforts to make up this developmental lack, the Russians send over several thousand "scientists" per year to the United States. *Physics Today* lists only a few hundred actual scientists per year. Dr. Levich explains the discrepancy as "semi-scientists, semi-officials"; individuals with high standing in the "ruling elite" who come to the United States in order to negotiate contracts with American electronic and computer firms.

According to Levich, Soviet scientists are cajoled into "good behavior" by the prospect of being permitted to attend scientific conferences abroad, a rare privilege. He charges that a current visiting professor at UCLA, Academician Goldanski, was permitted to leave in exchange for initiating a vote to expel Benjamin Levich from the Academy of Sciences in 1973. The attempt failed "with no support" because of the Academy's secret ballot, "an anachron-

ism in Russia today". He feels that as a result of this attempt, Goldanski is no longer accepted by the Russian scientific community, but was permitted to go abroad as a reward.

Dr. Levich had several suggestions for American scientists to help fight the repression of Soviet scientists. First, he felt that American scientists should insist on dissident scientists being included in the participation lists of all exchange programs. Secondly, they should not permit other individuals to be substituted for invited scientists, which he claims is often the practice. Thirdly, American scientists should demand that harassment of emigres and scientists should cease as a condition to continued American participation.

As an example of the effectiveness of such tactics, he cited the case of Academician Sakharov, in which the National Academy of Sciences took a strong stand, threatening to stop all scientific exchanges with the USSR. Within 48 hours the campaign against Sakharov had halted. He also feels that the National Academy of Sciences will be more willing in the future to adopt a strong stand in more individual cases and perhaps in general.

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Heartbeat of The Real South

Louisiana life is a harmonious blend of tradition and innovation, leisure and enterprise. Along the river roads and bayous are colonnaded mansions, reminders of the ante-bellum era of aristocratic landowners and flirtatious belles.

The Basin Street clubs where jazz was born are long gone, but jazz lives on, an outgrowth of the blues chants of rivermen and fieldhands and the brass bands of the Mardi Gras and funeral parades. Whispers of voodoo ceremonies float through the narrow streets of the Vieux Carre (New Orleans' French Quarter). Although the cult has been driven underground, one can still see the *gris gris* charms used in spell casting. The Cajuns, descended from the Acadians who fled Nova Scotia in the late 1700's, still dwell along the Bayou Teche: their distinctive

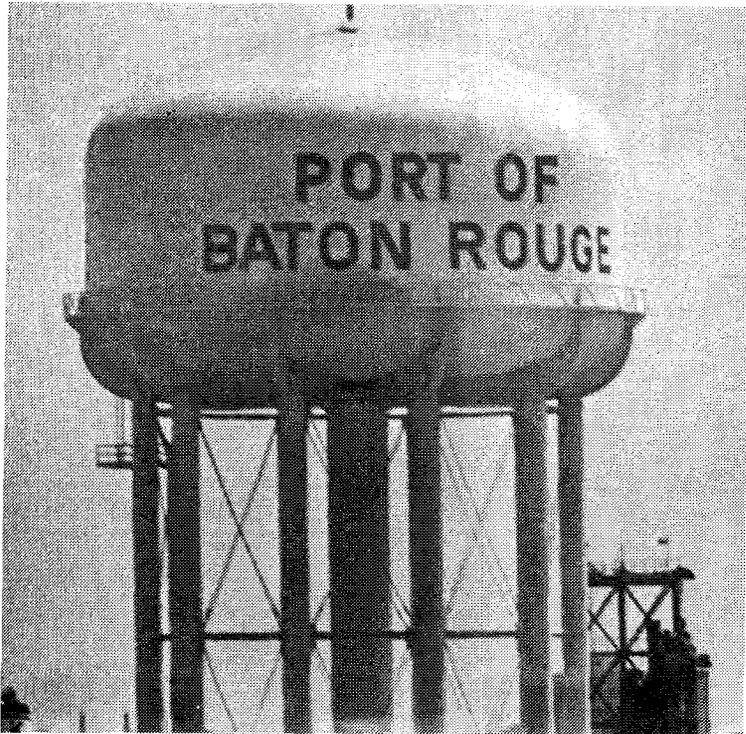
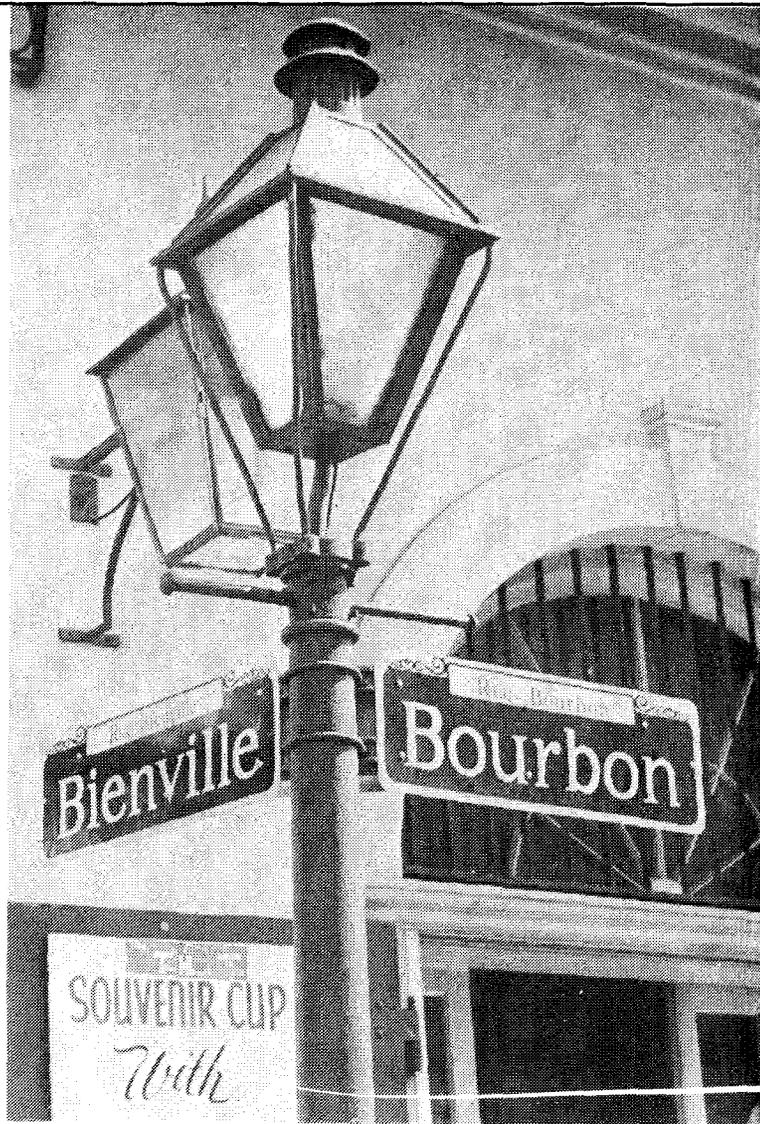
French speech, cuisine, and culture add a different dimension to Louisiana life.

The French Quarter of New Orleans holds the greatest interest for tourists. The most famous area of the city, comprising some 70 blocks bordering on the Mississippi River, the Quarter formed the original settlement. The narrow streets, quaint dwellings with iron-trellised balconies and old shops and cafes establish the unique atmosphere of the Quarter. But above all New Orleans is known for its food, and for the traveler this means the restaurants. There are numerous fine restaurants in the Crescent City, but none finer than *Galatoire's* at 209 Bourbon Street.

Bourbon Street is the "liveliest" section of the French Quarter, with many cafes, bars, and nightclubs. The atmosphere

is hardly elegant, and frequently crass. *Galatoire's* rises above this (and everything else) and shines forth as a monument to superb cuisine and excellent service. The establishment is unimposing on the outside, the ground floor of a three-story brick building. Large (but curtained) white frame windows face the street with "*Galatoire's Restaurant*" neatly but modestly lettered in gold and black. Below in smaller letters one reads "Reservations not accepted" and "Coat and tie required after 5 p.m."

Arriving at 6:15 on a Saturday evening meant a wait of about 45 minutes before being seated. The prospective diners are queued up along the sidewalk, and every few minutes the grey-haired maitre'd steps outside and ushers another party inside.



Across the water, tennis courts under the Spanish Moss.



And always the contrast, always the contrast. From back-water bayou to Lafayette Square and the Cabildo in mere minutes.

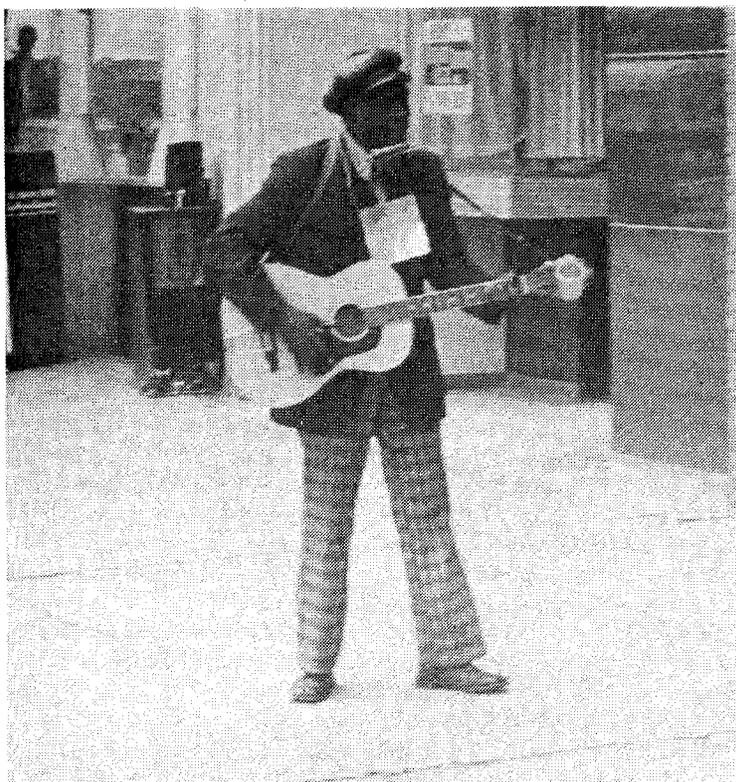
First-timers at Galatoire's are often surprised by the interior decor. Often people expect a dimly lit, plush, pompous dining room from what is possibly the finest restaurant in North America, but Galatoire's means fine food and service to match—nothing else. The dining room is very comfortable, large, bristling, well lit, and always packed.

One is often seated before the remnants of the last meal have been cleared, and soon after settling into the menu the busboy clears off the table and prepares a new one. The menu goes on for several pages, each line promising an epicurean delight. This article can not cover everything available, but will

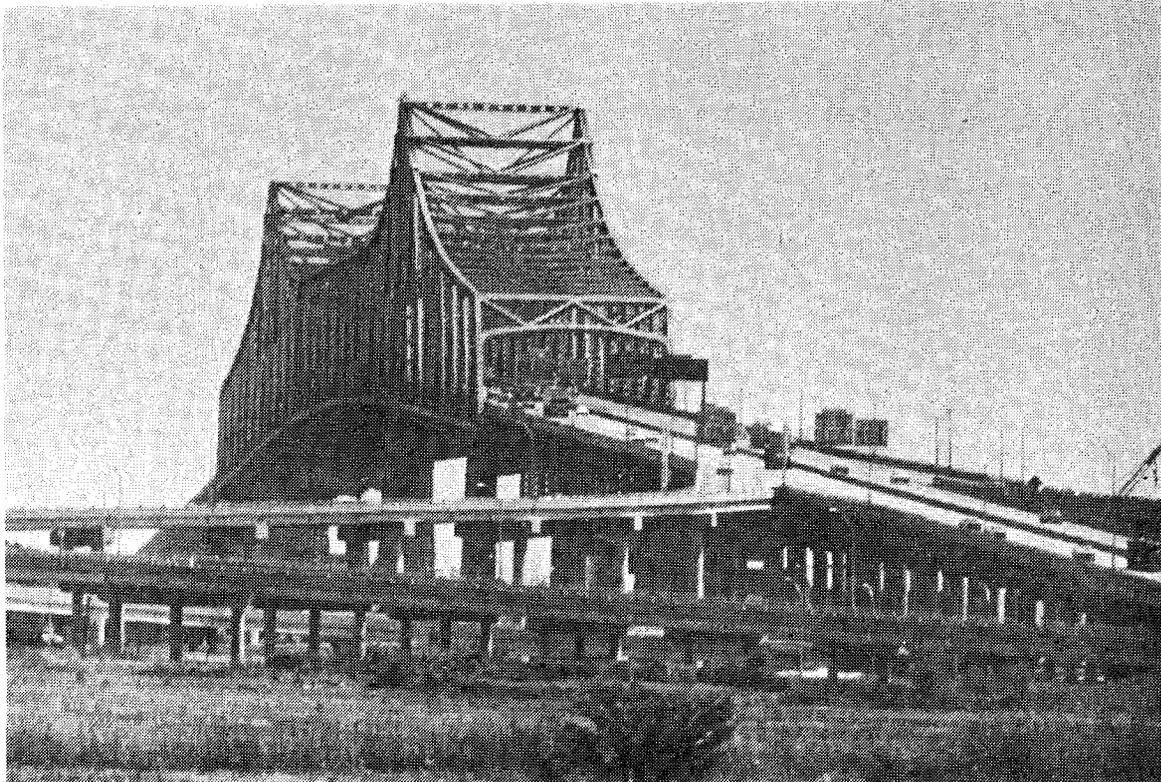


describe first hand one particular meal.

To start with, the *Crab Maison*, a rich crab mousse of celery onion, and delicate spices, and the freshest crab one is likely to encounter anywhere, served over lettuce. Follow this with a fresh asparagus salad, also served over lettuce with a refined herb dressing. Next, the *piece de la resistance*: Galatoire's unique Chicken Clemenceau, which is served along with peas and baked potatoes. The recipe does not leave the kitchen, but I suspect the *poulet* is simmered in vermouth with green onion. This is a generous portion, but worth the accompaniment of fresh broccoli and hollandaise sauce. For dessert, the *Coupe Duchesse*, a Galatoire creation featuring ice



Canal Street Strummer



Spanning the Mississippi in Baton Rouge.

Photos by

S. Kellogg

H. Phillips

D. Wheeler



cream and fresh fruit. Freshly ground coffee finishes this fabulous experience in fine style.

All this comes not cheaply. With one drink beforehand and two bottles of wine (a 1973 Puligny Montrachet with dinner, and a white Burgundy with dessert) split four ways, tax and tip included, the total comes to twenty dollars. Considering, though, the quality of the food and the service, this is a bargain. This writer has experienced restaurants in much of the United States and Europe; he is hard pressed to find a comparable restaurant anywhere. The reader will be spared streams of superlatives—let it suffice to say that while many establishments have made an art out of cuisine, Galatoire's has made an art of perfection.

On the practical side, Galatoire's is a bit far for a dinner flick; if you're venturesome, go down California Blvd. and then turn right on Rosemead. Continue to I-10 (San Bernardino Fwy) and take I-10 east. Proceed about 1800 miles, and exit at Orleans street. Turn left at Iberville, and park where you can.

—Richard Beatty

Programs



CALTECH

Holmes Nearly Makes It

The Y is back from spring break with a new Excomm, planning an exciting and enticing year's worth of programs for your enjoyment and enlightenment. While the new term is winding up, you can still participate in some events left over from the last administration. Today, if you are reading this early enough, you can hop over to the Y-lounge at noon (bring your lunch) and discuss science policy and reporting with Barbara Culliton who is visiting our campus for a few days. She has written for *Science News*, *Medical World News*, and most recently *Science* magazine.

If you wish to "practice non-action, work without doing, or see simplicity in the complicated" (quoted from the *Tao Te Ching*), come join a Tai Chi Ch'uan class. They began April 6th but you're still welcome. Beginners meet Mondays 11:30 - 1:00 p.m. on Tuesday

6:00-8:00 a.m., and advanced students meet Wednesdays 6:00-8:00 a.m. Sign up now in the Y office and set your alarm clock.

Finally, we have the third (of five) day hikes on Saturday, April 17. Plan to meet at 8:30 a.m. and be back in the late afternoon. The destination is Echo Mountain, the site of an old resort hotel. The trip is an easy five-mile trek with a 1400 foot elevation gain. An additional four-mile, 1100-foot gain piece will be available for those ambitious souls wishing to continue to the ridge.

Repeat after me: Barbara Culliton/science policy at noon today; Tai Chi on Monday, Tuesday, or Wednesday; day hike up Echo Mountain on Saturday, April 17.

I start my new writing career with a passage from *The Teachings of Don Juan* (by Carlos

"...A smashing success on both sides of the Atlantic," so "Playbill" describes "Sherlock Holmes," the latest at the Shubert Theatre. The turn-of-the-century audience must have been either passionately devoted to the Holmes character, or incredibly naive, to endure this melodramatic puree and like it.

William Gillette, a famous melodrama playwright, supposedly collaborated with A. Conan Doyle in 1899 to produce this colossal sleep-inducement. But I have doubts about the extent of Doyle's involvement. Gillette has Holmes using cocaine while *involved* with a case, and even kissing and proclaiming his love to the heroine at the close of the play. Both are grossly inconsistent with the Doyle character, as

Castaneda) which I dedicate to the froshlings searching for an option: "For me there is only the traveling on paths that have heart, on any path that may have heart. There I travel, and the only worthwhile challenge is to traverse its full length. And there I travel, looking, looking, breathlessly"

-Jeff Eriksen

any Holmes buff could tell. The Royal Shakespeare Company with Leonard Nimoy, as Holmes, performed admirably under the circumstances, but were unable to raise the production from the quagmire of "Curses! It's Dudley Do-Right!"

The lighting, sets, and special effects almost made up for the lack of intelligent plot. The set designer was quite ingenious. The sets were built on a rotating circle in the middle of the stage. During a scene change, the set lights were turned off, and other lights were directed more forward on the stage. [Ed. Note: A

standard set arrangement.] Mist from a machine reflected the lights and virtually concealed the stage hands working behind. Through this "London fog" ambled characters from 1891: beggars, bobbies, hawkers, newsboys, street singers. These interludes were quite enjoyable, and added authenticity.

If you still are undaunted, and can put up with a routine and shallow plot (so routine that I could fall asleep for fifteen minutes, and still know what happened) then watch "Batman" on TV and save your money.

-Pamela Crane

76 Goes On

Continued from Page Three

wouldn't be so pleased. Smith's quite, that businessmen seldom gather together without entering into a conspiracy to raise prices, sounds positively Galbraithian, and is vigorously ignored today by economists and businessmen alike.

Not that I wish to imply that *The Wealth of Nations* is a bad book—it isn't. In fact, it is a very impressive one—not too many since have been much improved—but I doubt that it had the impact that economists would like to think it had.

So much for 1776. Does 1876 give us anything worth remembering (besides the complaints that the Centennial was too commercial and vulgar)? Well, yes, in fact 1876 was a very memorable year in politics: from the people who brought you Watergate, we had a real, live, stolen Presidential election. (Even Watergate didn't do that.) To refresh your memories, in case your high school history classes didn't go into details, Democrat Samuel Tilden of New York was running against Republican Rutherford Hayes, to succeed outgoing President Ulysses S. Grant, whose administration had been hopelessly compromised by scandal. Tilden was a clear winner in the total popular vote, but then (as now) the final authority was in the Electoral

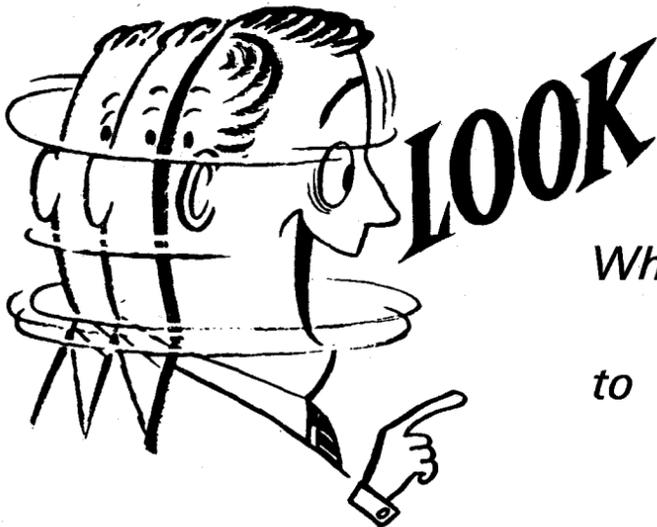
College, not with the people.

An Election-Year Republican

Four states, three of them Southern, filed two separate sets of returns. A Congressional committee was set up to decide the merits of each case, a committee containing eight Republicans and seven Democrats. Only one electoral vote stood between Tilden and victory, but the committee, voting along partisan lines each time, gave all the disputed votes to Hayes, who thus emerged a 185-184 victor in the election. While the committee was deliberating, the Republicans devised a 'Southern strategy' which, in exchange for assistance, led to the end of Reconstruction in the South and even the pretence of equality for almost another hundred years. (Actually, many of the Jim Crow laws in the South were only passed in the 1890s or even in this century.) Tilden, a reformer with a record for effective opposition to corruption, "Accepted the verdict as an alternative to possible violence," my source says.

The election of 1876 may not be much to celebrate, but perhaps it helps us to put Watergate in better perspective, and that isn't bad.

Yes, you too can think of your own events whose anniversaries you can celebrate, or not, as you wish.



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Anya Fisher, Saturday art class instructor, at work. Photo by A. Kellner

Give at the Office

The Red Cross Bloodmobile will be drawing blood on Thursday, April 15, and Friday, April 16, from 11 a.m. to 3:30 p.m., in Dabney Lounge. There are many advantages that are available to you through the Caltech

Blood Bank, such as: protection for your entire family, resources from the largest blood bank in the U.S., dual credit for each pint donated and dollar savings. Please sign up now by calling Connie Sulentic in Personnel on ext. 2375.



It may not be the Mona Lisa, but Anya Fisher's students find art a refreshing outlet for frustration. Photo by A. Kellner

News Briefs

Nominate Yourself Into Office

For those eager to get involved in what goes on behind the scenes at Tech, nominations are now open for positions in ASCIT appointed offices (some of which carry a salary), faculty committees, administrative committees and class officers. For a detailed list of the positions available, consult the sign-up sheet on Flora's door or the *Little t*. Act quickly - nominations close April 16 and interviews will be held thereafter.

Cars v. Mr. Olive R' Walk Take 2

There will be a policy meeting on Monday, April 12 at 4 p.m. in Winnett Lounge to discuss the Olive Walk/Automobile situation. All interested staff and students are invited. For more information, contact Dr. Ricardo Gomez, Dr. Robert Walker, Dave Dewey or Mark Swanson.

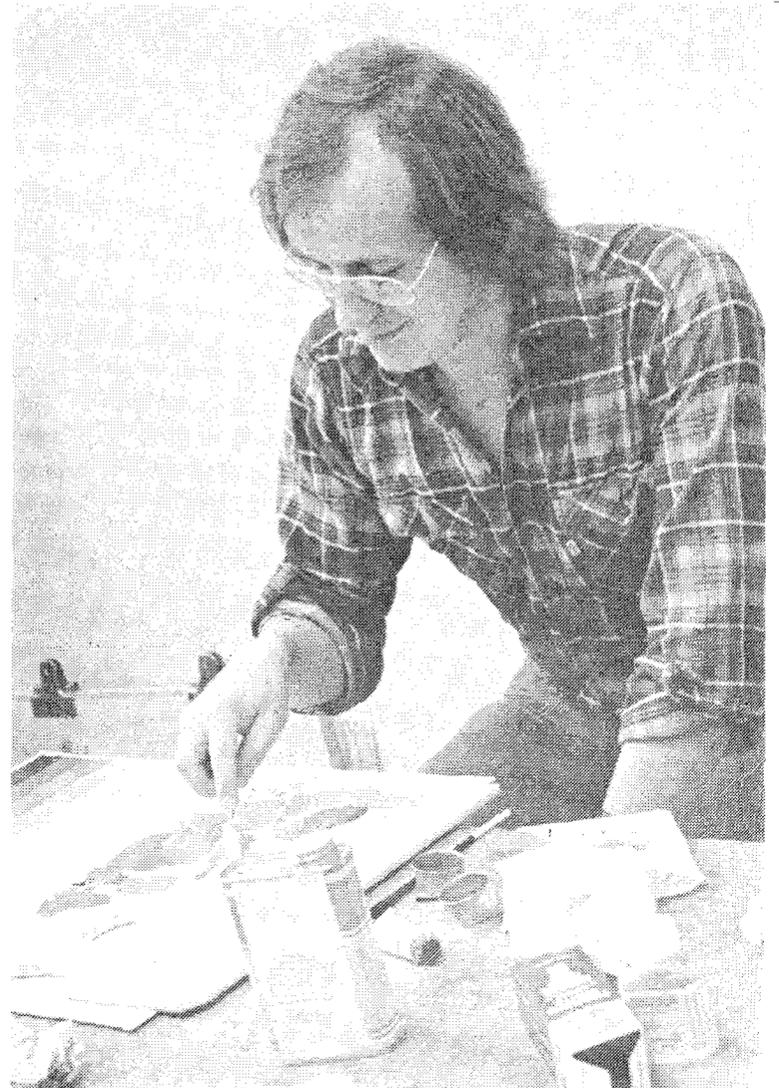
SIMS/TM

Roger, Null Set, Bleep.

The SIMS club is sponsoring an introductory lecture on the Transcendental Meditation Program at Caltech. The lecture will be held on Tuesday (take note: Φ), April 20 at 7:30 p.m. in Winnett Club Room 1.

The guest lecturer will be Mr. Lee Elmendorf. He is the Chairman of the Pasadena World Plan Center, which teaches the TM program in the greater Glendale, Pasadena, Arcadia area. Lee will be speaking about the TM program and how it relates to four areas of life: Development of full mental potential, improving health, enhancing social interactions and a solution for world peace. The latest scientific investigations will be presented with special emphasis on the value of the TM program to students and faculty. Research shows that individuals who begin the TM technique have greater clarity of thinking, increased learning ability, improved academic performance, better health, improved relationships with supervisors and co-workers, and more fully developed personalities. (*World Without End - Ed.*)

The Students International Meditation Society (SIMS) is a non-profit, educational organization. The SIMS Club cordially invites all students and faculty to attend this introductory lecture.



"Oh that this too, too solid flesh would but melt, thaw and resolve itself into adew..." Photo by A. Kellner

Rainbow Crew

Spectrum Productions No. 11 will be moving into Ramo next week. Anyone interested in assisting on lights, sets, props, etc. please contact John Bloom, x1347 or 795-7967.

Journalism Scholarships

The Los Angeles Professional Chapter of Women in Communications, Inc. announced the opening of competition for journalism scholarships totaling \$5000. The Katherine Graham \$2500 graduate-level scholarship in Journalism is open to Los Angeles County Women who will begin or continue graduate journalism study in the fall of 1976.

A second \$2500 scholarship in communications is offered to student members of Women in Communications who will be enrolled in Undergraduate Communications study in the fall of 1976.

Application deadline for both scholarships is May 15.

Scholarship applications may be obtained from Women in Communications, 5900 Wilshire Blvd. No. 1402, Los Angeles 90036.

Passover Seder

Caltech Hillel is holding its annual Kosher Passover Seder on Wednesday, April 14 at 6 p.m. in the Athenacum. Reservations must be made by Sunday, April 11. For more information call Louise Lorden (355-1625) or Art Metz (792-8151).

Udall Effort

If anyone is interested in working on the Udall for President campaign please contact Tom Peterson evenings at 792-0854 or campus extension 1150.

Flick Freaks!

Wednesday, April 14, 8 p.m. Series of four cineesthetic evenings will commence with the screening of Fritz Long's *M*, a 1931 early sound classic with Peter Lorre. Somewhere in Baxter Admission: nominal 25 cents. Refreshments.

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Busing: This May Not Be the Answer But It's Cheap, Quick And Gets There

by **The Midnight Rider**

Are you now or have you ever been a bus-rider? If not, you may be missing out on the cheapest way of traveling long distances around L.A. For a maximum of 35 cents you can go anywhere in the immediate vicinity, with the cost going as high as (gasp, horrors!) 60 cents if you want to go all the way to one of the not-so-local beaches.

Until recently, riding the buses so thoughtfully provided by RTD (the commonly used name for the Southern California Rapid Transit District, and you can see why) was something of a drag for Techers. For the most part, the only buses near campus ran infrequently and in the wrong directions. This is now hopefully changing, as of April 11th, when the San Gabriel Valley (right here, turkey) Bus Improvement Plan goes into effect.

Among other things, the new plan provides for a relatively frequent (from 20 minutes to an hour, depending upon time of

day) bus traveling along Del Mar, just north of campus, providing local east-west travel until about 10 p.m. Another, slightly less frequent bus will be running along California, sort of through campus, going northwest past JPL and eventually going to Glendale, while going east eventually to Monrovia and Duarte. These two buses alone provide cheap transport to a lot of good theaters, restaurants and other good stuff for those without cars. For those willing to walk all the way to Lake Ave., there are buses running directly to Los Angeles and Hollywood (485 bus southbound to L.A., 436 northbound to Hollywood). From these two, almost anything is possible. For the totally adventurous, Colorado Blvd. provides more frequent bus service and myriad connecting lines nearby, including one bus (the 440) that deposits one almost anywhere between here and Pomona, including not too far from the famous Claremont colleges. While it's true that most

of these buses run only until 10 or 11 in the evening, the possibilities are still there. And anyway, if you are off to visit someone in particular, how could they possibly be so heartless as to turn one out after one has missed the last bus home. See, there are advantages in riding buses!

The following is a listing of the new local buses, in as numerical an order as I feel like making them at this hour:

423; runs from Pasadena all the way to Long Beach on the long runs. Short runs go only part way. Runs along Los Robles, about ¼ mile west of campus.

431; mostly useful if you need to go up into Altadena. Waaay up. Runs along Altadena drive.

433; runs east-west along Del Mar. To the west it goes all the way up into northwest Altadena. To the east it eventually goes all the way to El Monte, east of Rosemead.

434; goes past JPL and eventually to Glendale to the west. Wanders off along Foothill to the east.

435; another one for Altadena travel. Runs along Washington and Orange Grove, ambles through Hastings Ranch and ends up way down in El Monte. Runs past the Arboretum and Santa Anita Race Track and Fashion Park shopping center.

436; runs from Lake Avenue all the way to Hollywood by way of Glendale and Eagle Rock. Goes near Occidental College and right past Eagle Rock Plaza.

438; runs east-west along Colorado Blvd. and north on Fair Oaks into Altadena. Also manages to reach Duarte by perverse routing.

425; (fooled ya') runs down Hill to Colorado, west to Fair Oaks, and eventually down to Highland Park west of the Pasadena Freeway.

440; the big one to Claremont and Pomona.

483 and 485; the difference is

what street they run on in Pasadena. Both go to L.A. The 485 is probably the one you want, since it runs on Lake once it gets here (or until it leaves here, as it were). Both go through South Pasadena and Alhambra, eventually trucking into L.A. about forty minutes later.

770; an old bus with a new route, this is a freeway flyer into L.A., a little bit faster, running along Colorado Blvd. (westbound is toward L.A., dummy).

829; actually, this one started a few weeks ago, but who's counting. This one runs up and down Rosemead even past where it stops being Rosemead. It eventually gets through Long Beach all the way to Seal Beach, but it takes forever and is only for the dedicated with friends or parents or other sufficient incentives at the other end.

If all of this hasn't sufficiently confused you in your quest for knowledge and transportation, go ask a bus for directions.

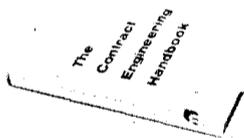
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Miniflies Developed from Bee Venom

Biologists who discovered that a component of bee venom can miniaturize fruit flies have come up with a likely answer as to how this bit of biological magic is accomplished.

Several years ago Drs. Peter H. Lowy and Herschel K. Mitchell of Caltech found that injecting the larvae of fruit flies (*Drosophila melanogaster* to you) with the bee venom component resulted in the development of perfect flies that were only one-quarter normal weight. The miniflies lived a normal life span of 30 days and produced normal-sized offspring.

The biologists, who identified the venom component as an enzyme, describe in a forthcoming issue of the British scientific journal, "Toxicon", a series of delicate experiments they performed to ascertain the effects of the enzyme, a phospholipase, on living tissue. An enzyme is a protein that facilitates chemical reactions in living things, as you might have gathered by now.

In research supported by the National Science Foundation, Drs

Lowy and Mitchell had determined that the enzyme (specifically named phospholipase A-2) affected the membranes of cells by increasing their permeability. To observe more closely the enzyme's influence on a variety of membranes, they immersed human (HeLa) cancer cells, red blood cells, and mitochondria into weak solutions of the enzyme. (Mitochondria are microscopic structures within cells, called organelles by their friends, that supply the energy for metabolism in cells.)

The most marked effect was on mitochondrial membranes. Each mitochondrion has an inner and outer membrane, the outer one normally permitting the passage of fairly large molecules, while the inner one does not. The phospholipase induced the inner membrane to "leak" or pass larger molecules.

In HeLa cells, the enzyme caused the accumulation of lipid (fat) droplets. The enzyme could accomplish this in two ways, the researchers reasoned. It could attach to the HeLa cell membrane and release lipid compo-

nents inside the cell, or it could alter the permeability of the cell wall so that lipids would accumulate inside the cell.

As for the red blood cells (of cows and guinea pigs), the enzyme did not attach to their membranes and consequently caused no observable effects.

The Caltech biologists believe that miniaturization of *Drosophila* occurs after the enzyme attaches strongly to a cell membrane. This creates holes in the membrane which permits increased but limited leakage of metabolites through the membranes, possibly affecting nerves and muscles. Metabolites are materials used by the cell for metabolism.

Soon after the injection, the larva becomes lethargic and declines to eat. Normally it has a voracious appetite during this, the fastest-growing phase of the fly's life cycle. Although it does not feed or grow, it continues to develop until it forms a pupa.

From that point—the beginning of metamorphosis—most of the larval tissues are broken down

and probably the phospholipase also. The five-day pupa stage starts with a worm and ends with a fly.

There is another way to produce a minifly, and that is by starving the larvae. [Note: the Society for the Prevention of Cruelty to *Drosophila* frowns on this method.] However, unlike the larvae injected with the enzyme, the hungry larvae are not lethargic. They move around frantically in search of food. When kept on wet paper, they will chew the paper to pieces.

"We still don't know for certain whether the dwarfing of the injected larva is due to effects on the nervous system or on the muscles," said Dr. Mitchell. "The creature may be just too tired to eat."

"The enzyme does not have any paralyzing effect. The larvae move around, albeit only slowly. They're just awfully lazy. This lack of pep would be expected if the muscle tissue and nerve connections are too permeable."

An enzyme very similar to the bee venom enzyme is normally

found embedded in the membranes of all living cells, and its task may be the reverse of the bee venom version. Its duty may be to regulate the permeability in the membrane structure.

Drs. Lowy and Mitchell have been investigating the components of bee venom in their study of biological control mechanisms. The venom contains a variety of potent peptides, some with pharmacological effects on mammals.

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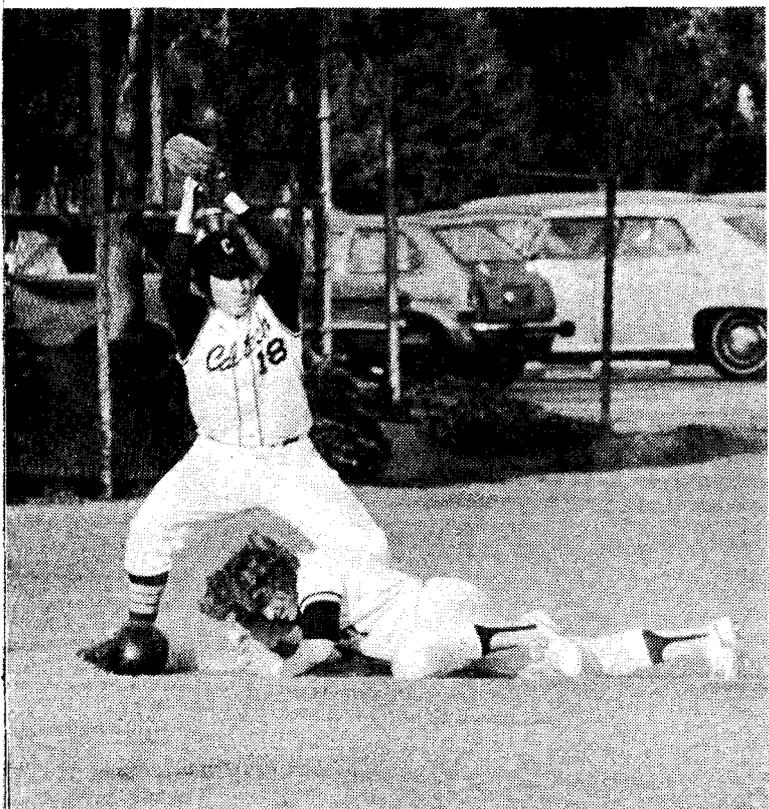
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Photo by K. Yoshida

Cheap Food

by The Gallivanting Gourmet

(It has come to our attention that perhaps not all of you readers out there are quite up to travelling far and wide and spending your hoarded pennies for elegance in eating. Welcome to the low-budget portion of the food section.)

Elegant it ain't, but it serves good eats: Woodstock Sandwiches, at 972 E. Colorado (four blocks north and two blocks west of the Coffeehouse, and if you don't know where that is by now, no wonder you're hungry.)

When I first saw a new little sandwich shop opening up there in Colorado, I was somewhat turned off by their "cute" idea of naming their sandwiches after various colleges in the Los Angeles area. A few of the connections had minor humor in them but most seemed randomly attached. I mean, Stottlemeyer's makes jokes out of their meat and cheese combinations, and this seemed merely a feeble imitation.

Anyway, one day I was both bored and hungry and decided to try their "Caltech" sandwich, made with pastrami, roast beef and ham on a french roll. I ate it, and after comparing the quantity and quality with other sandwich shops, and immediately noticing Woodstock's lower prices, I've been eating there fairly frequently.

The menu is not enormous. There is ham, pastrami, roast beef, corned beef, and meatballs, along with a few kinds of cheeses. All of the sandwiches are on either french rolls or rye. They sell drinks and frills to round out a lunch. Most importantly, the prices are cheap for what you get. You pay from \$1.05 to \$1.15 for quite reasonable sandwiches (compared to \$1.25 and up at the Big S), the

higher prices being mainly for hot sandwiches. They seem to use top quality meats and cheese, and lots of it. I have actually been stopped on the street by strangers and asked where I had gotten such large and apparently delicious-looking sandwiches. I mean, that stuff normally only happens in commercials, doesn't it?

If you really want to splurge, they have such exotic things as pickled eggs and carrot cake, jordan almonds and some mysterious kind of cookies. Chips and salad are available for potato freaks, and drinks include both fizzy stuff from Shasta and Coors, with milk in between. All in all an excellent place for lunch. Unfortunately, that is also their main drawback for Techers. Due to their hours (closing at 5 p.m., and not open Sundays), Woodstock is most useful for obtaining food on a hungry Saturday afternoon. An acceptable walk (hell, it's only two blocks farther than Roma's) and a trivial bike ride, the distance is short enough to make it worth a try even for the typically lazy. For the price of a box lunch at Stottlewhatsis, you can get one sandwich to eat immediately, and another to store for Sunday. Such a deal!

By the way, be warned that you will probably be asked if you want "everything" on your sandwich. Let the faint-stomached beware! "Everything" includes tomatoes, pickles, and onions, not always separably, since they are all in chunks. A "Caltech" sandwich with "everything" is filling, and good, but very strange. Anyway, try Woodstock sometime. It's worth the walk. You can even eat it at their own indoor tables, a convenience if there ever was one.

Walkabout, Adrift

Tonight's ASCIT flick is generally rumored to be *The Wrong Box*, to be shown presumably at 7:30 and 9:30 PM in Baxter Lecture Hall. On Saturday night, Cinematech presents two seemingly unrelated films, *Walkabout* and *Adrift*, with an experimental short called *Knockturne* for spice, beginning at 7:30 PM, also in Baxter. For students, admission to the ASCIT film is but a mere fifty cents; the price for an evening at Cinematech is only one clam for ASCIT/GSC members. Rejoice, ye mortals: the cost of admission to such films at MIT is a bit more. But then again, they can eat raw oysters

Walkabout (1971) is a peripherally stark comment on the nature of Australia. Actually, it presents director Nicolas Roeg's indulgent views on the conflict between Western civilization and the "untamed," or rather, uncorrupted wilderness. Of course, such thematic material has historically been well treated and mistreated by Hollywood within the genre of the Western. But *Walkabout* has a sophistication about it which is only partly due to its exotic setting.

Plot: An Englishman travels out into the bush with his two children, a fourteen-year-old girl and a six-year-old boy. The father is a victim of the insane pressures of an uptight, repressed, and frenetic culture; he goes berserk and kills himself, leaving the children at a loss to cope with the situation. They are properly raised, civilized children, totally incapable of self-sufficiency or survival in the wild. The girl is a Victorianish, reserved young nymphette, played by Jenny Agutter. The boy is a playful and naive kid, portrayed by Lucien John. These innocents in the wild become totally disoriented and stupefied. Fortunately, they are befriended by an Aborigine boy (David Gumpilil) who just happens to be out in the bush on his "walkabout" -- a ritual of initiation by which Abo adolescents claim manhood by surviving an ordeal of survival in the wild (a "rite of passage," sci-fi fans). The Abo saves the other two young people from the hostile environment, and teaches them and the audience a thing or two about appreciation for the dazzling scenery and exotic fauna of the outback.

As it turns out, the schoolgirl is something of a Lolita, and director Roeg exploits the older-than-fourteen presence of Ms. Agutter to evoke a sense of eroticism in the straitlaced girl (a turn of plot not developed in the original novel by James Vance Marshall).

As a result, and as a misunderstanding between the cultures of European and native Australian, the Abo youth falls in love with the girl and comes to consider

her to be married to him by the rites of his people. When the three ultimately reach the city, this state of anthropological dissonance leads to a tragic resolution of the conflict between the "civilized" soul of the white girl and the "savage" heart of the Abo boy. Of course, this is a pointed comment on the artifice and wrongness of Western culture as compared to an equally valid but more sincere society. The photography is quite good, as the subject matter is fantastic. The moralization is rather blunt.

Adrift (1971) is one of the last productions from the late, great Czechoslovakian film industry which flowered during the period of Czech liberalism. Directed by Jan Kadar, the filming of *Adrift* was halted for a year by the Russian invasion of 1968, but allowed to continue by the new regime. The film was shot entirely on and along the Danube, which allows the viewer to savor the picturesque flavor of a travelogue. It's much heavier than a mere picture show

Plot: A fisherman, Janos, pulls an exquisitely foxy and sensuous beauty from the Danube naked (the girl, Anada, is naked, not the fisherman, nor, for that matter, the river) Anada is the central mystery of the film, a girl with no identity or past. Immediately, this enigmatic woman introduces conflict into Janos' life; he feels a physical attraction for her, as would any real male, yet he is also repulsed by her and by his own emotions. Janos and his wife Zuzka take the girl in to live their simple life. In doing so, this life is made complicated, far too complicated for serenity or sanity. The fisherman finds his emotions wracked with conflict as his sexuality and morality fight it out for control of his mind. These powerful inner struggles manifest themselves in outward acts of pettiness and vindictiveness: he insults Anada to her face, he accuses her of pilferage, he tries to stifle a growing friendship between his wife and the girl. The wife is actually neutral to this conflict; it is not an eternal triangle. The wife does

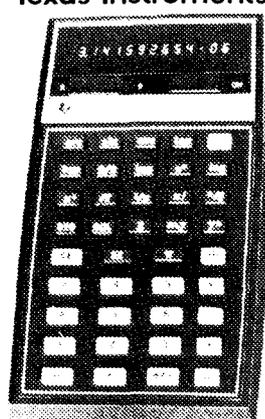
not aggravate the man's twisted drive toward infidelity by being a bitch or a nag. Nor does the wife try in any way to prevent her man's unfaithfulness, for she seems unaware of his conflict. Janos' internal strife is reflected in his actions, as his sensibilities and sense of righteousness struggle with his overpowering desire which is more than physical. Sensuality and manhood's lusts drive Janos toward the ecstatic consummation of adultery; conscience and burning, hidden guilt drive him toward murder or suicide. This is director Kadar's skillful game with the psychology of seduction.

It is a shame that the ASCIT films have not made reviews or critiques worthwhile recently. It is a shame that the Activities Director saw fit to screen a completely worthless piece of cinematic trash which has been part of ASCIT's repertoire for the last few years. One might wish that the relatively enormous ASCIT film budget could be used to present the student body with quality recent American films, as has frequently been the case in the past. This is not to say, as some readers may, that pornography has no place in a male-dominated campus such as this monastic enclave of science. Rather, is on is to present dirty movies, let them be *quality* dirty movies. If the discount arrangements of some esoteric film rental companies were taken advantage of, ASCIT could obtain some really high-class smut, as compared to that of the wretched cheap pornographers which some Techers must patronize in the Pasadena area, and also as compared to slick, big-name Hollywood rentals like *Beyond the Valley of the Dolls*.

-Lewis Hashimoto

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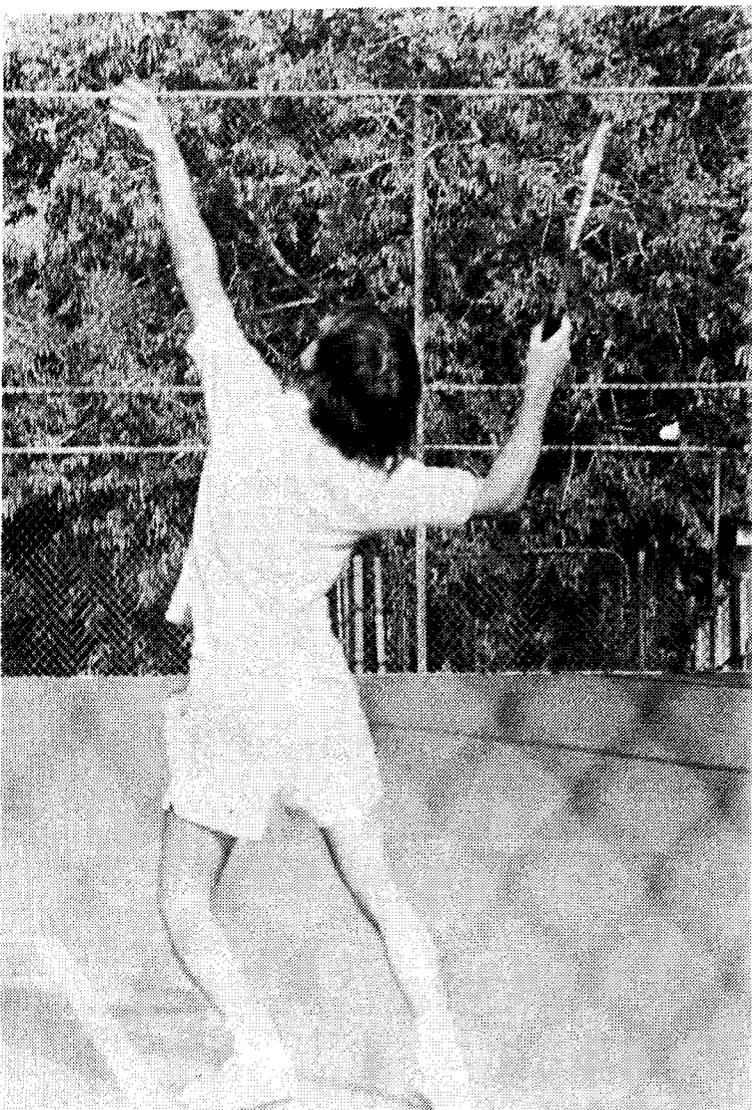
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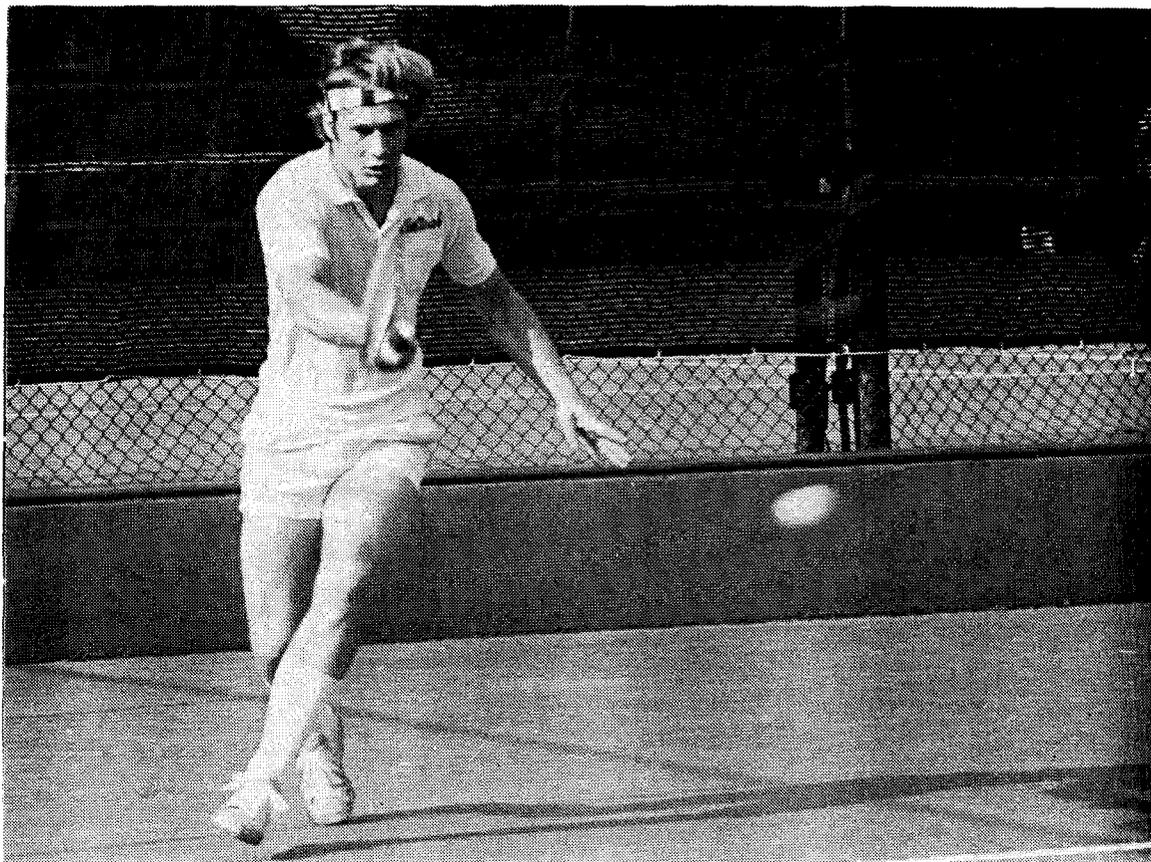
In double dual meet action Caltech hosted SCIAC rivals La Verne and Whittier here last Saturday. Earlier high expectations for the thinclads were not realized as eligibility and injury losses hampered team efforts resulting in losses to La Verne (65-61) and Whittier (115-30). Bright spots for the team included the return to winning form of Steve Kellogg in the 3-mile after a long period of illness. Also Norm Murray was finally able to "psyche out" registration problems and became eligible for his first meet as a Beaver. [Note to L.N.: It really is supposed to be Beavers, you know] The strong running freshman from Goleta won the 120 IH and 220 against La Verne, taking second and third in the same events against Whittier.

Surprising Jr. John Chu picked up the pole on Wednesday and two short lessons later vaulted his way to first in the pole vault against La Verne (2nd against Whittier) in his first ever Varsity Track competition.

Most encouraging for Coach Neal is the fact that the team is composed of mostly freshmen and sophomores and when eligibility and injury problems are finally solved, the next couple of years will see a strong team emerge. Sophomore Duane Gray has taken up the 880 which is agreeing with him quite well and appears on his way to being a fine middle distance ace. Recovering from foot problems freshman Erik Sirri had time for three workouts and came within 5 seconds of a lifetime best performance in the mile. Freshman Rob Bourret is still hobbled with knee troubles but is sure to be an outstanding distance runner as he finished up last Cross Country season just a few steps behind Kellogg. Enrolled at Caltech at the age of 16, Larry Doolittle had never competed before, but has shown early promise in the 440 and 880. Stan Shipley, Francis Wukai, Phil Chang, and Dean Face, all freshmen, have shown consistent improvement.



Spring has brought a new racket into varsity sports as Beaver returns ace. Above, second Beaver in the thick of volley. Foto by Pheldman



Tennis, Anyone?

Saturday Science

by S. Wake

Every quarterly Saturday, Caltech is visited by flocks of bright-eyed, curious and gifted High and Pre-High School students who come to take free advantage of Caltech's scientific and educational facilities under Caltech's Saturday School Program. They do so under the careful supervision of participating Caltech students and faculty and are provided for the most part, a wide scope of what Caltech has to offer.

The Saturday School Program has been a more or less running success since its initiation and management by Lee F. Browne, Director of Secondary School Relations, and has for several years served to extend some of Caltech to interested youths in surrounding communities.

This unique program is not a recruiting device although some 20 of its former participants are now undergrads and 10 have applied for this upcoming year. And many participants in the program eventually undertake Science and Engineering majors at various academic and technological institutes across the nation thanks to the fundamental

training and enthusiasm they acquire here.

Caltech students who work in the program receive first hand experience at teaching and explanatory communication. And some become enthusiastically involved in their teaching activities even to the point of scrutinizing and critically evaluating the quality of their own lectures.

A recent report issued by Dr. Jerome Pine, Chairman of the Secondary Schools Committee has reviewed the program with favor and indicates an overall attitude of favorability in the administration towards the program. In the words of one administration official "The program serves as an excellent channel for Institute-Community interaction on a special level of assistance and thus serves to enhance Caltech's positive image with the community in general."

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