

Buckminster Offers New World View

by David Callaway
Tech Staff Writer

Following a somewhat pompous introduction by a Leakey Foundation official, Dr. Buckminster Fuller re-introduced himself with "I find all these things to be interesting, but I'm a very average, healthy human being. If I tell you about my life, maybe it will show how an average, healthy human being can learn to look at things the way I

While I was growing up, I realized that the amount of change in the world between the ages of myself and my father was much greater than that between himself and his father. There were other things that changed also. Back then, one of the things I was always being told was *Never mind what you think, listen!* When I went through school, I believed that the idea was *Never mind what you think, learn!* Adults seemed to have the idea that youngsters didn't have much intelligence.

Later I entered the Navy as a design. When I got out of the navy, I went into the building industry. I discovered that I wasn't one of a success—the people who financed me were more interested in making money than putting up good buildings. The temporary philosophy seemed to have been to earn a living—living or not. Society seemed to be occupied with a game; and I seemed to be inherently short-sighted. A politician had to get ready for an election, a businessman had to make money. Nothing included the whole world.

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"I'm a very average, healthy human being." Buckminster Fuller rambles on at Leakey Foundation Lecture.

Photo by D. Wheeler

"This is something I learned from the Navy, with its world-wide operations. I call it comprehensive anticipatory design. You have to keep the whole world in the picture... I want to show how circumstances cause an average, healthy human being to look at things this way.

"I was born cross-eyed, and it wasn't until I was four and a half years old that my eyesight was corrected. Before then, all I could see of a person's face was a colored blur with a darkened area where the eyes were. Until I got glasses, I never saw anything more. Imagine the excitement of seeing human eyes for the first time! I knew what hair felt like, but actually seeing it was something quite different. I had gotten used to seeing only large patterns, the details were always invisible to me.

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\$\$\$ Seek Hot Hands Hot

by Alan Silverstein

If you're an undergrad receiving financial aid and would like to earn spending money, now is the time. The Financial Aid Office has a large hunk of federal funds earmarked expressly for the College Work-Study program this term, with which it can support up to 80% of the needs of students eligible due to financial need. In other words, if you're one of those people, if you can find work anywhere on campus, your employer (proprietors, take note) can hire you at very little cost to themselves and their division.

Now, understand: this is cash begging to be put into hot undergrad hands, and the

more students there are working, the better. If you potential employers have just about anything you've been wishing for awhile you could get done—from assembling accelerators to zeroing zygoformmists—hire an eligible undergrad to do it for you this term. Likewise, if you potential employees see something that's dying to be worked on, you might be able to create a job for yourself at a normal pay rate, if you point out that only a small fraction of it need be provided by your employer.

Please note, however, that eligibility *must* be determined by the Financial Aid Office (Dabney Hall). Contact them for further information.

Record Number of Females Admitted

English Test Median Highest in History

by Alan Silverstein

This year's batch of frosh letters of acceptance were mailed out last Friday by the Admissions Office. All the following statistics were kindly provided by Ms Barbara Brown, Assistant Director of Admissions.

First, the magic number all you MCP's have been anxiously awaiting. Take heart, for a record total of 55 women have been accepted to Caltech for next year's frosh class.

Now for the rest of the numbers which, while not so titillating, should prove interesting in their own right. All of 1178 potential frosh applied to CIT this year, up 24% from last year. Of these persons, 117 were female, an increase of 39%. (This may be partly due to the snazzy new revision of the booklet "Facts About Caltech".)

A total of 388 persons were sent acceptance letters last week. Since the goal is a frosh class size of 220, the "expectation percentage" was 57%. Last year, 55% was both the expected and actual "rate of return" (showing empirically that statistics really work as they had better in this case). Hence, less persons were actually offered admission than last year.

By now you may have gone one step ahead and done a little math on your own, but if not, I'll save you the trouble: 47% of the female applicants were accepted while only 31% of the males received equal offers. This is quite different from the figure of 42% for both sexes last year. Before you same MCP's cry "discrimination!", consider the following statement by ex-ASCIT Elections Chairman Jill Evensizer (who happened to be in the office at the time): "Any dumbshit may think he has an ability in science and engineering and apply to Tech, whereas only a highly motivated and extremely capable woman will bother to apply."

In any case, the Admissions Office is trying very hard to get those women to come to Caltech. Eleven female undergraduate volunteers have already sent individual, hand-written letters to all of the 55 telling them what to expect at CIT and trying to persuade them to attend. Ms Brown commented that "obviously these are women who have had good experiences here."

Other unusual statistics: it seems that the median scores of the accepted frosh on all the standard tests were up about ten points this year compared to last, except for the physics test, where they were about the same. In fact, the median score on the English test was the highest ever in CIT history.

So, what we can expect next year is a more carefully selected and more prepared frosh class than usual, with perhaps twice as many women as last year. Time will tell, as May 1 (the Candidates Reply Date) approaches.

Last term you were barraged by financial aid information, and now it is your turn to give them information. Yes, the PCS's are due soon.

Since the money situation is rather tight this year, the May 3 deadline for PCS's will be strictly observed. All of the available money will be allocated at that time. Those who submit late applications will find Sinbad's Treasure Trove empty, and it is quite possible that there will not be much loan aid left.

If you cannot meet the May 3 deadline, talk to Dr. Schaefer. He will be able to reserve some money for you, but you will still be required to submit a PCS.

Remember, unlike previous years, the May 3 deadline will be strictly observed by the Financial Aid Office.



Hard-hitting face-to-face negotiations underway at IHC meeting. Final decision was to withhold minutes until Friday morning to prevent quick publication in the Tech

Photo by C. Wheeler

Parry! Riposte!

The Editorial Page

High Sign For Greyhound

Greyhound Prophet Food Service has been violating their contractual obligations for well over a year now and it's time something was done about it. Like renewing their contract. Believe it or not, Greyhound has consistently provided more food in both quantity and variety than they are contractually obligated to. They have, no matter with how little impunity you treat your food rep, been responsive to the decisions and requests of students.

Now that they've been painted as the nice guys, let's see what they're saddled with. They are serving institutional food. Most people don't go wild over institutional food and I'm no exception, but it's there and it's going to stay there. No matter what food service is contracted for next year, they will be serving institutional food and if you just plain don't like institutional food, it doesn't matter who's serving it.

The primary reason for getting a new food service is to get better food, something more suited to our picky palates. If Greyhound is replaced, it should be done with great confidence in the new service providing better food. You won't be able to justify that sort of confidence until the middle of next year. Greyhound knows utility and maintenance costs for the two years they've been operating here. They know how much food they have to provide and in which dishes. They have a good idea (although you may think it doesn't look that way) of what students' tastes are.

A replacement service can only guess at these items, taking the contracted amount of food as the maximum and extrapolating statistics from the early seventies to estimate overhead. They don't know the limitations of the equipment. Suppose they do submit a lower bid than the better-informed entrepreneurs of Greyhound. They must be cutting costs somewhere on speculation and hoping for an idea to pan out. If it doesn't, the diner eats it big.

No food operation will operate at a loss for any length of time. Costs may always be cut and the best place to start is with the food. Reduce the quality or reduce the quantity. And do something to get those kilospoons that were ripped-off first term back. And why the devil are we serving them eclairs and pie ala mode?

Greyhound knows the situation. The competitors are guessing about too many things to make a low bid anything but suspicious. That leaves the high bids. Here, by laying out more of the hard-earned lettuce, you can probably get better quality. And a larger quantity. (After all, it only makes sense that people will eat more food than they do now if it's better food) But I don't have that kind of money to spare and a lot of people on financial aid don't have that kind of money to spare either.

Nobody here is dying of malnutrition. Nobody is collapsing from food poisoning. In fact, most of them eat pretty well. Greyhound has done a good job. I say keep them.

Sandy McCorquodale
Carl J. Lydick

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The Third Wing

Ngapuhi On You, Too

by Nick Smith

Ordinarily I don't use this column to reply to another column, but the April 9 column of my cohort, Ngapuhi, on the subject of abortion, has forced me to change my policy. The logic of his article was too appalling, the priorities too warped to let slip by unchallenged.

The first objection I must make is to the statements implying that feminism is or was a dying fad, and a destructive one. While not having any more first hand experience at being a woman than Ngapuhi does (possibly less, I can't really say) I can nonetheless see the need for changes to benefit women. Women have too long been denied basic rights of survival in our society, involving things such as money, education, and even housing. While it is true that there have been radical feminists, just as there have been radicals in every movement for social change from Moses on down, the presence of these radicals is neither a condemnation of the feminist movement nor necessarily bad. One must remember that radicals often achieve useful things. For instance, but for the arguing of a few radicals, George Washington would have been crowned King instead of inaugurated President. (Check it out if you like.) In the case of the feminist movement, the major achievement of the radicals has been to make more people aware that there is a problem, whether the solutions of the radicals are accepted or not.

Ignoring for a moment Ngapuhi's sweeping generalization of a nefarious plot of feminists and (gasp!) liberals to force the defenseless courts to legalize abortions, we move on to the real meat of the issue: whose 'rights' are whose.

Except for those cases in which the fetus has already died, and would thus be stillborn anyway, any abortion *does* involve the death of a living being. The questions involved are twofold: is it a human being and

does it have a legitimate right to avoid being 'aborted'?

The first of these is actually a more sticky question than it would seem. At just what stage *does* a group of cells of human ancestry become an authorized being? When it achieves a human shape? When it reaches a particular level of biological complexity? Or when a sperm cell and an egg unite? The courts have sort of ruled that there is a specific cutoff point, approximating when the fetus could possibly survive if removed from the mother's body. This is not an unreasonable breakpoint in itself, because it at least determines a point where the fetus is something besides a part of the mother: a baby. The question raised by the anti-abortion groups is whether this is acceptable at all; that is, whether a properly conceived fetus is not automatically a person, with full rights of life, liberty, etc. The pro-abortionists feel that, at least as long as the fetus could not survive outside of the mother's body, it is not a genuine entity, but merely a part of a woman's body, much like an appendix, and similarly expendable.

Unfortunately, there is a minor contradiction here, echoed magnificently in Ngapuhi's article. Many of the forms of "non-abortion" contraception involve the termination of a sort of microfetus after fertilization but before the egg comes to rest. This automatically puts anyone opposed to abortion but in favor of contraception on somewhat shaky grounds, because they, too, have set a limit on just *when* a group of cells become human. Even the Pope, having led the Vatican all the way into the 15th century recently, has the more consistent view that killing the fetus any time after conception is all the same thing. (Of course, the Pope's view also includes artificially *preventing* the impregnation, extending his views to the logical extreme that the egg cell itself has rights.)

If one is going to be properly moralistic about it, one must

decide whether the death of an unborn infant at any stage at all is morally right, and under what circumstances. This is where the really juicy arguments come in.

Rights and Wrongs

There is no such thing as a 'right' to anything, much less to life. Those things described as rights in normal conversation, or even in major philosophies, are the things which enough people have agreed should be allowed to everyone in their respective societies. As soon as any, repeat any, living thing becomes more destructive to other living things than they can tolerate, or its life less useful than its death, that 'right' to life becomes worthless. In the extreme, one can talk about the 'right' to life of a blade of grass eaten by a feed steer. Even if those 'rights' are limited to humankind (whose definition has always been subject to change, especially in Mississippi) the problem becomes greater, not less. What is the 'right' to life of someone who is about to kill someone else? What is the 'right' to life of someone who kills to prevent another life from being taken? And so on. 'Thou shalt not kill' becomes a more and more attractive, if impractical, final resolution.

Now here comes the tricky one. What are the relative 'rights to life' of an unborn human and a currently existing one? What

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NEXT WEEK

MAGNUM FORCE

Tip-Toeing Around the Abortion Question

Sirs:

The precise relevance of abortion as a both philosophical and ethical issue had never struck me to me until I read the — and somewhat tightly — written article submitted by Kapuhi in the last issue of *California Tech*. Beginning with myself the glimmerings of a social intuition, I should much like, space permitting, add a few perspectives to the previous author's work.

The concept of a right to life as are all ill—or justly—perceived rights, an intrinsically permanent value, the product of a by identification which makes global judgements on the basis of extrapolated personal experience. These rights gain precedence globally only insofar as consensus serves to support the individual's perception. We may hope to be able to gingerly mine what might be the underlying motivations of a moral conscience, in order that we may draw conclusions as to what might likely be considered just by a majority of a population at any one given time and time. But it would not be the purpose of that investigation to take collective judgements out of their geographical and historical contexts.

Understanding that human perspective is a product of a long, arduous, and sometimes slow process of natural selection perhaps make evident just how difficult the determination of the exact bases of ethical judgement will be. Nevertheless, the tolerant reader will allow a few assumptions, and some influences derived from behavioral studies, one might well arrive at the generally valid conclusions. The problems of abortion, infanticide and euthanasia have many different solutions in different societies. In times of famine the Eskimos abandon their old and abort their preg-

nant; forced into a perpetual state of starvation, they steal food from the aged and the weakest children; and yet in contrast the greater part of the Roman Catholic (or, faithful to recent reports, the papal) subculture of our well-fed western civilization holds that life is to be preserved and protected even to its very extremes. It seems reasonable to extrapolate that as a society is increasingly exposed to a degrading environment, or to an improbability of survival, that it becomes inured to what might in more promising times have seemed requirements for human dignity.

It may be argued that some societies are inequally weighted, that some individuals or groups have vastly more influence than others; but this does not make the social conscience observed by legality any more restrictive to those who would practise a more rigorous conduct. On the contrary, the legislation of morality in any form necessarily binds only those whose personal prejudices are less binding than most of their peers. My own personal viewpoint is that the ability of an individual to influence group mores does not make such mores any less valid than those conceived in the absence of social interaction; but that it does make their prediction less simple. In any event, the actual question of whether or not particular behaviors such as geronticide, eugenic genocide, etc. are adaptive, i.e. have a positive effect on an intelligent breeding population, is a question that we cannot now, and in all experimental likelihood, will not foreseeably answer.

Perhaps we should raise the question of the meaningfulness of relationships between intelligence and the right to life. Chimpanzees have a rudimentary semantic ability and a capability in some cases of an up to 400

word vocabulary, which capacities place them, in the minds of some psychologists, at about the intellectual level of a three year old child. Shall we then accord to chimpanzees the same moral protections accorded a human infant? Or perhaps an extremely retarded adult? While presenting this as a serious, albeit somewhat abstract, question, we realize that the prevailing and inherent sense of species identification already answers it in the negative.

Proceeding down the briar path of ontology, shall we now accord to the fertilized ovum the rights of a protozoan, the blastula a coelenterate? Shall we be permitted to inject an unwanted three-week old fetus with formalin as we would any rapacious starfish? Not to paralyze perspective, but is it potential we seek, the unevolved conscience of the future?—or the rather sordid reality of the present? And would not a philosophical formulation of potential value also encompass the mutually destructive effects of an overabundant population, whose

interaction might at some point reduce the moral potential of each newborn child beneath the threshold of that required to sustain the desired reverence for life? Even further, might we not breed until the consequences of our contempt for each other will just balance out the consequences of our rate of growth?

It may be clear by now that the position of the author is not to answer questions; but after provoking them, he presumes he may digress. It would seem that the influence or attempted influence of one member of society over another in matters of morality has no invariant, non-contextual rules of conduct, save perhaps those imposed by law and individual restraint. Whatever the extremes of the coercive spectrum, in the more immediate arena, one would think that the sort of viewpoint to be won to the right to life cause is not that which would perceive, as in the recent article, that an objective introduction leads to a polemical conclusion, but rather the lower kind, the emotionally affected

sort of unfortunate for whom the phrase "moral rectitude" would only invoke the image of a mysterious and tightly clenched sphincter.

But this is style, not rhetoric; and if in this last the author be accused of an unworthy prolepsis, then he shall still rest satisfied, having raised any question at all.

—Name Withheld by Request

OUCH

To the Editors of *The California Tech*. Dear Sirs:



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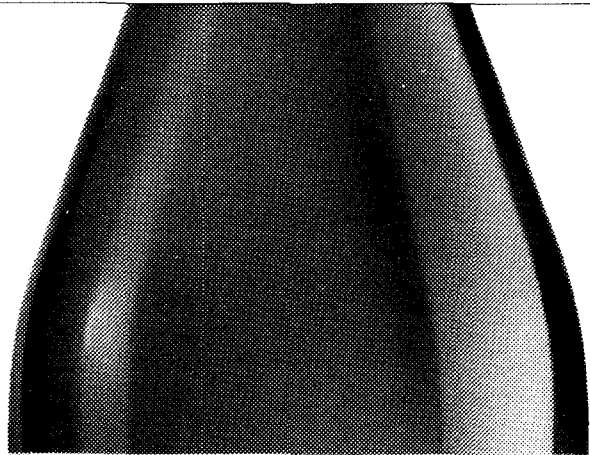
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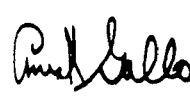

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Time Magazine November 27, 1972 page 81.

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Inalienable Right

The Editors

The California Tech

I would like to comment on the anti-abortion article "Coat-hangers" in last week's Tech. Several of the statements seemed rather carelessly thought out and misinformed. For instance, abstinence is proposed as a "right" that more women should exercise. I should like to point out that to be fair, more men must therefore abstain, something which does not always occur to the makers of such statements. No one is proposing restricting male sexual privileges to halt unwanted pregnancies, however.

Mainly, however, I take issue with the stand that a woman who becomes pregnant is irresponsible and, presumably, should suffer for it. For one thing, it is quite possible for girls who are mentally and psychologically immature to be physically mature enough to get pregnant. I hardly think it is fair to punish them for what, likely as not, is society's or the parents' fault in lack of education and a proper understanding of the function of their own bodies. The boys involved are "irresponsible," too, but they do not have the possibility of the burden of a baby on their hands at age 15. Think about what it would have been like for yourself, at 15, to have the responsibility of a child when you were only one yourself.

For women mature enough to take the blame for their pregnancy, they have, the writer says, scientific methods of contraception available that are nearly 100% effective. True. There is the Pill. It is the only 99.9% effective device, short of sterilization. It is also only 15 years old. Women on it are essentially

guinea pigs until long term effects of the continuous hormone dosages can be discerned. This requires a sufficient long term statistical base, which we do not yet have. I for one have a family history of cancer and would not be willing to take the risk that cancer is one of the long term effects. Add in blood clotting, weight gain and daily nausea (for some) and the Pill can look pretty unattractive to many. The only other methods over 90% effective are the IUD and the combination of foam and condoms. The latter is unacceptable to most modern women for many reasons, which if you have ever been subjected to this method you will understand. Anyone advocating this as a routine contraceptive method is unrealistic, insensitive and puritanical. The IUD often causes severe cramping and bleeding, intense nausea for several days each month, etc. In addition to which the initial psychological impact of a foreign object inside one is unpleasant to the point of squeamishness. Add to this the slight chance of the IUD puncturing the uterine wall and necessitating a hysterectomy—not too nice, huh?

In summary there is no good method yet. Male contraceptives do not yet exist. But women have to put up with the above nastiness routinely. No wonder many are considering the old rhythm method, updated by new indicators like body temperature shifts. This "natural birth control" is deserving of more study and already has good rates of success. Women using such a method are trying to save their own health from drugs and devices, and should be en-

couraged rather than frowned on and left helpless should they unfortunately get pregnant. If there is that 1 or 5 or 10% slip, why must a woman's entire future life suffer? Do you think women *like* abortions? Of course not. No one is proposing them as a routine method of contraception. They are emergency, last-chance procedures, after reasonable methods fail.

Assuming we do not ban sex, then, I think a woman who puts up with one of the above methods should be given a way out should the worst of all possibilities occur. To suffer through the mental and physical agonies of contraception and then be denied a last resort is an outrage to a person of sensibilities. I wish that unthinking men, like the type of person that wrote the article, had to rear their illegitimate children. I'm sure that they would then be forced to rethink their stands. The prospects for happiness of mother and child in an unwanted birth seem slight indeed. The last thing we need nowadays is another unwanted child. On these grounds, I feel abortion is justified, necessary, and a woman's inalienable right.

—Lou Ann Schemmel

Ngapuhi "Full of Bull"

Re: Coat Hangers

Pardon me, but I think you're full of bull. First off abortion is *not* one of the hottest issues of the 1976 presidential campaign; but it is of prime importance in the current events of India. Secondly someone (Ellen McCormack) is taking an anti-abortion stand in presidential primaries. She received few votes and confesses to taking advantage of the campaign matching funds solely for her crusade. Thirdly, the nation is no longer shocked by Watergate (if indeed it ever was). What they/we are surprised about is that something was done about it!

You claim that the main argument in favor of abortion is that a woman has the "right to control her own body". What do you mean "right" to control her own body (as if it's only a mental exercise to decide whether or not to conceive a child).

You claim that abortion at any stage of the fetus (drawing upon examples of Nazi Germany, of course) is unacceptable, yet you condone science's "virtually 100% effective" birth control means. Isn't that just another form of preventing life (you do see the parallel don't you). You claim that the woman finds herself in a position requiring an abortion because of her own "irresponsibility in not 'control-

ling' (there she goes again own body" as if we should treat an accident victim crossed the street on the (after all, he was forewarned wasn't he?).

As far as your remarks the decline of society (is that prophet in the audience?) examine the sociological question of abortion. If a prospective mother is about to have an unwanted child (presumably reason for the abortion in the first place), should she be helped by you and others like you help us if you are in the majority) to spend the next years paying for her in an unforgivable sin (which I call a natural and pleasant consequence)? At this price it becomes important for us (the side) to tell you to go to hell. I agree that we must take life (any life) lightly, not condone making the decision of abortion lightly. But it's *already* a life to consider; the mother (and often the father) whose goals and life *must* be considered would effectively destroy the usefulness of an adult life most probably the unborn child's as well. Just so you play God. Well I'm sorry deciding whether or not to have a child is too important to leave up to you.

—Robert J.

Ngapuhi On You, Too

Continued from Page Two

answers are provided by anti-abortionists in the case of a woman who can only have a child by probably or definitely dying herself? Before you come up with something like, "It's in the hands of God", I most forcibly say: "Horse exhaust!" Going metaphysical in the middle of an argument is dodging the issue, pure and simple. Sit there and stew properly for an answer.

In my book, the current human being has it hands down.

Now we get to the really controversial one: suppose the woman simply doesn't *want* a child, at least this one. Perhaps she was a rape victim (and face it, Ngapuhi, rape has always existed, no matter how stringent the penalties, simply because it is the act of someone who is not sane, and therefore isn't paying attention to laws anyway). Perhaps one of the "foolproof" birth control methods failed (condoms break, IUDs fail, menstrual cycles controlled by the Pill hiccup at the wrong moment, and a few hardy sperm are seemingly immune to foams). Perhaps she was unable to use or to understand whatever methods should have been available (children, the illiterate, the mentally retarded). Whatever the case, the woman is now pregnant, and cannot or will not raise the child which will be born. Before abortions became popular and relatively legal (they have existed for a long time) the common practice was to simply have the child and get rid of it, hopefully by adoption.

Aside from the several months of inconvenience, having a child still isn't all that safe in the United States. Therefore, having the child will at least take several months out of a woman's life, perhaps several years off of it. To top it off, some of the same people who are so righteously opposing abortions encourage the society around them to behave destructively towards a woman who has given up a child, or even kept one if it was out of wedlock. The reasoning is, similarly to Ngapuhi's, "She shouldn't have been screwing if she didn't want to have babies". More horse exhaust. The attractiveness of sex and its pleasures are an excellent survival factor, bred into the human race since at least 4004 B.C. Neither men nor women really like to totally abstain from sex. Sex is such a basic thing that almost every major religion sticks its ...er... 'thumb' into it, as a test of that religion's total power over its followers. If people will do what a church says about sex, they'll follow it anywhere.

Life-And-Death Affairs

Even allowing, for the nonce, Ngapuhi's arguments that abortion is wrong (and I do not agree), his other comments were disturbing. Abortion is blamed for everything short of the crash of the Hindenburg. Let's get things in the right order here. Yes, it's true that abortion involves making a decision about the life of a potential member of society, and ending that life. But just what has done more towards creating moral decay: abortions or the murders of existent

human beings perpetrated the last ten years, in Vietnam, Ohio, and everywhere else will have more impact on the nation's future, aborting giving the children that a chance to live and play. What has a greater effect on whether any of us will live the year 2000: abortion or the Secretary of State who is a Medieval Grand Vizier? Straighten your priorities straight, N.

Who knows? Perhaps even from God really finds abortion objectionable will consign all pro-abortionists to the deepest hells. That doesn't give you, Ngapuhi, any other self-appointed guardian of souls, society, or what the right to create a hell here: a hell of a world crowded, underfed, miseducated... but abortion is as long as the rights of the unborn and the rewards of the living are valued more than the lives of the currently living and being. The world will stay on that.

One last point. Suppose we were living in a small, closed environment with other people. You have enough resources to support them, there are no increases in population. Does a member of your environment have the right to ruin that by having children voluntarily? Does a member of your environment have the right to voluntarily abort a child which would upset this survival? The need for figuring out answers to these, and so on, that environment is Earth.



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***** playa brava Libertarians

It is appropriate in this centennial year that the political winds of change are once again blowing. The country is undergoing one of the periodic, peaceful revolutions that Jefferson prescribed for the maintenance of liberty. Fortunately this wind of change is a refreshing breeze rather than one of the torrid Santana winds presently sweeping through Italy and France.

The American people are tired of politics that has dominated national government since FDR. There is a reappraisal and thinking of the role government ought to play in society. It has taken almost a decade for us to realize that we could never have those two "glorious" wars which we committed ourselves to fighting the Kennedy and Johnson administrations—the war in Viet Nam and the war on Poverty. In both cases we found the enemy too persistent, the costs too great, the rewards nebulous.

The public is tired of bearing the costs of economic programs, of being guinea pigs in a never ending chain of government mandated social experiments. We are tired of the ever increasing

by Ngapuhi

taxes and bureaucracy necessary to sustain the programs the liberals have emplaced upon us. We are dismayed at the erosion of our liberties that accompany these programs. That liberals find themselves in such disfavor doesn't mean that conservatives are faring any better. The public is equally as tired of conservatives who, while opposing big government, draft legislation to protect big business from competition.

Perhaps the best example of this new attitude is to be found in the bipartisan popularity of our own Governor Brown. One can also see in the popularity of Mr. Reagan running against an incumbent. Though in different parties Reagan & Brown are leading proponents of the new attitude. The other Candidates have changed their rhetoric to reflect this change. But like all new converts one wonders how complete their conversion is and whether their new found faith will stand the test of time. And there has emerged a new party that perhaps better than anyone articulates this new attitude—the Libertarian Party. In the words

of Roger MacBride, Libertarian Party candidate for president "There exists in this nation today a deep-seated sense of apprehension about the future and a growing distrust of our society's major institutions—particularly government. In my view this attitude is fully justified.

What this nation needs is a new direction, a new dawn in politics. For too long now we have been asking how much politicians and bureaucrats should be interfering with our business. It's time we ask whether or not they should be doing it at all. That's why I joined the Libertarian Party and that's why I'm a candidate for President of the United States"

It is my opinion that the Libertarian Party is a much needed and timely alternative to the other parties and I feel that they can become a positive force in American politics.

Last week they ran an advertisement in the Tech looking for a campus coordinator. I hope that someone here can find enough time away from studies to take them up on their offer. For those of you less politically active but interested in learning more about the Libertarian alternative I suggest you contact the Libertarian Party of California, 618 W. Hillcrest Blvd., Monrovia, California 91016

Let Anti-Abortion Groups Bomb Out

The California Tech
Ref: Coat Hangers

Well, so the silent majority of "a civilized society" which holds life "sacrosanct" is rising to crush the "nefarious scheming" of the pro-abortion minority. They fear, so Ngapuhi says, that legalized abortions will lead down the primrose path to euthanasia and "other horrors." They say that if society fails to protect "even the least of its members then, in the end none of us can be sure of protection."

I wonder what the coal miners, dead because safety is too expensive, would have thought of all this. Sacrosanct, Eh?

Anyway, if we must protect "the least" in order to protect everything, why then surely we must put a stop to the killing of all and any animals, and take a serious look at eating any plants. (Remember, lime jello has been medically proven to be "alive".)

If this seems totally ridiculous to you, good; and then consider please, how it is equally ridiculous to say that legalized abortions will lead to the




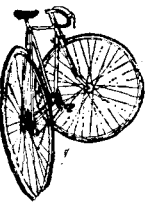

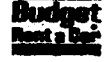


reinstitution of Nazi style "mercy-killings."

Proceeding along Ngapuhi's text, we come to the time-honored idea that pregnancy is the punishment for lust. May I point out that it takes two to tango, and yet the male suffers not. (Oh well, religion always was chauvinistic) Then, too, it is pointed out that women have many "virtually 100% effective" birth-control methods available (Hey! What happened to those available to men? Oh well.) and that abortion is "the last resort of a woman who has lost all natural control over her body through her previous negligence." The problems of side-effects is conveniently not brought up.

And so, if it takes being anti-abortion, excuse me, "pro-life" (Let's hear it for Madison Avenue word twisting.) in order to be quote, right thinking, unquote I hope that I never earn that appellation. I also hope that the "well organized" and vociferous, excuse me again, "vocal" anti-abortion groups bomb out.

—Edward J. Bielecki

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The Olive Walk:

What to do with the Pits!

It begins where the elm walk leaves off and trundles over mounds into depressions until it yields to the steps of the Athanaeum. Nothing could be better for it than an R-3 to R-2 map. Nothing could be worse for it than continued automobile traffic.

In a discussion chaired by Dr. Ricardo Gomez (chic chick on his left) last Monday afternoon, top brass from around the campus met with students and discussed traffic regulations for the Olive Walk. Initial proposals to shut down vehicular traffic altogether were bandied around with little success as the need for cars to load and unload material intended for the student houses was generally agreed upon. A student may be expected to walk a block or two unencumbered, but certainly not while lugging a

case of books (or booze for that matter).

Further discussion elucidated the heart of the traffic problem — security has been, as a matter of deliberate policy, lax in the enforcement of regulations covering the Olive Walk which were drawn up by an ad hoc committee in March of 1974 (representing virtually every faction with any interest in the walk). Laxness was also caused

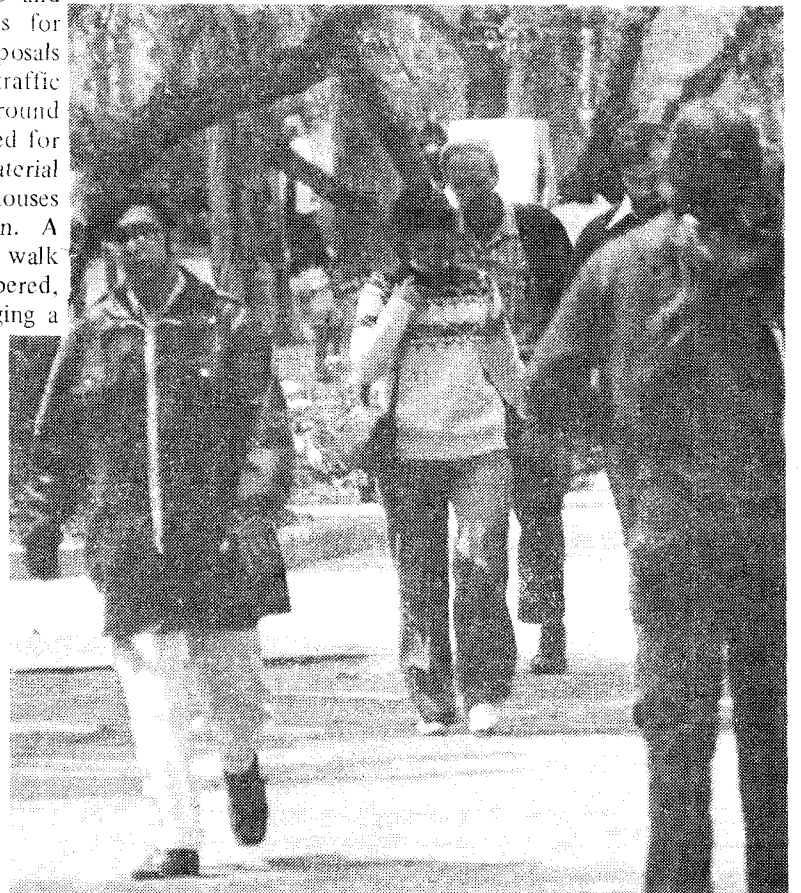
by many better things existing for security to handle instead of Olive Walk parking.

Despite lengthy discussion in weeks past, the IHC really has no power to control the Olive Walk situation. As a result of complaints aired at the meeting security has promised to enforce the regulation drafted by the 1974 ad hoc committee. This is the legally binding regulation *The Olive Walk may be used for*

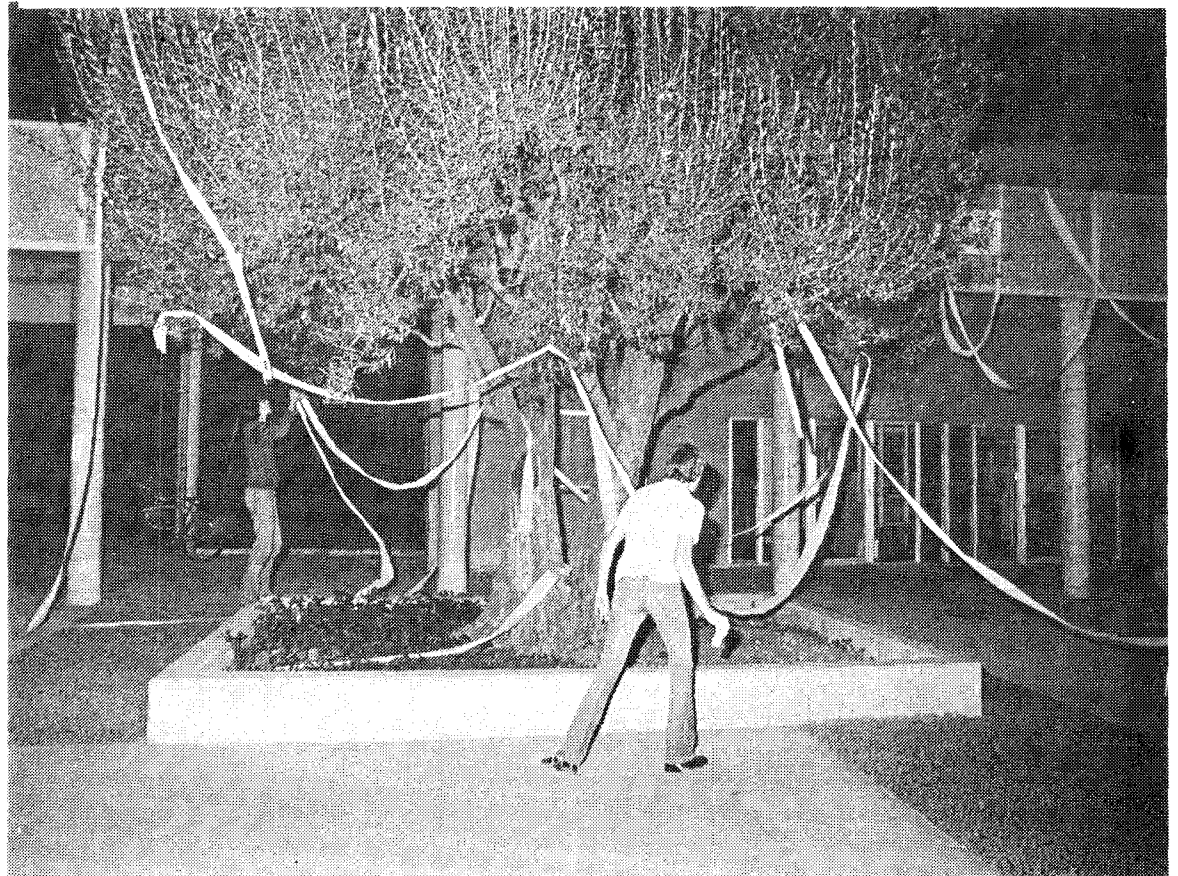
"Parking is necessary for a student to take a case up to his room . . ."



Watering hole of four-on-the-floors.



Try not to turn on to problems that upset you . . .



Security has exhibited some difficulty of late in recognizing cars while ticketing.

loading and unloading of vehicles for a maximum of thirty minutes. For such purposes, vehicles must be parked only in the unpaved areas of the walk. **OVERNIGHT PARKING IN THE OLIVE WALK AREA IS PROHIBITED.** That is the regulation security has given assurances to enforce. There is a traditional grace period during the first and last weeks of each term when the heaviest amount of student moving takes place. The regulation was approved by both ASCIT and the GSC when it was passed. General apathy on the part of the Caltech community lulled security into laxness in enforcing the regulations.

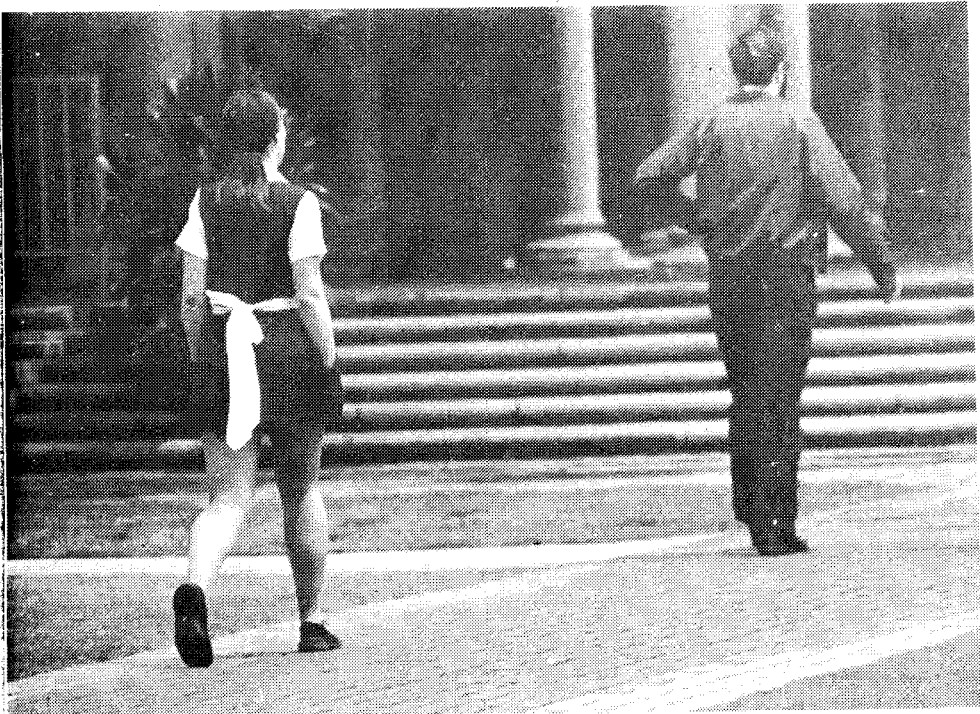
The current IHC version of the Olive Walk runs as follows: Between the hours of 8a.m. and 5:30p.m., no students will be allowed to drive or park on the Olive Walk. Any car found on the Olive Walk will be immediately ticketed, or, if there is a record of more than three tickets, the car will be towed 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 5:30p.m. to 8a.m. weekdays, and on Saturday and Sunday, the Olive Walk will be open to student use. Parking may be done only on the dirt areas. Cars parked on brick or cement will be immediately ticketed, or, if there is a record



Ricardo Gomez begins his drive to establish a petition.



Ray Owen takes note of a well-made point.



The End

of more than three tickets, the car will be towed.

The official regulations are laxer on daytime driving than the IHC version, while the IHC goes more lightly on the topic of overnight parking. This elicited a few puffs of smoke from Ray Owen's pipe. Lyman Bonner invented new yoga positions while looking severely interested. The final result of the meeting was that a severe problem exists with Olive Walk traffic and that, for now, the best solution is the enforcement on the regulations currently on the books.

Ricardo Gomez is intent on collecting as many interested viewpoints and signatures as possible. If you have a gripe or want to air a view, talk to him. He is serving as the watershed for any and all ideas on the topic.

McCrocodile

Photos by

Al Kellner

Dave Wheeler

What's Up, Tiger Lily?

Zero for Conduct

Gino's Pizza

If ...

Weekend Cine

Caltech's projectionists will frazzle their bulbs away this weekend as four motion pictures appear in Baxter Lecture Hall. Tonight's the night: ASCIT flicks present Woody Allen's *What's Up, Tiger Lily?* at 7:30 and 9:30. Tomorrow night Cinemathech screens *Gino's Pizza*, *Zero for Conduct*, and *If...*, starting at 7:30 p.m.

What's Up, Tiger Lily? (1966) was funnyman Woody Allen's first try at releasing a film. That is, not directing or producing, but cleverly mutilating a motion picture until it became funny. For a mere \$66,000 he acquired the rights to an abominable cheap Japanese spy thriller, of the James Bond imitation sort of trash which the C-grade Japanese industry used to crank out before they got into martial arts films. What Allen did was to re-dub the film in outrageously ridiculous and bizarre dialogue, creating a satirical attack on the genre of secret agent thrillers, and amusing a youthful audience,

paving the way for better things. It netted him a bundle of quick money, and it is quite a piece of drollery, though a bit long for

the transparent species of farcical humor-squeezed from what is still garbage footage.

Zero for Conduct (or, *Zero de Coneuite*, 1933) is a true classic film directed by Jean Vigo, a brilliant and creative avant-garde Frenchman who died at age twenty-nine, having made only three (but a superb three) motion pictures. Son of a Basque revolutionist who died in a prison, Vigo created a virulently anarchistic work in *Zero for Conduct*; it caused riots when screened and was hence banned in France. The film deals with the revolt of young French schoolboys against the pompous, vicious, hypocritical caricatures of their masters, in a French boarding school. A short film, it is characterized by fierce anti-authoritarianism, humor, and originality in structure. Several

sequences are recorded in cinematic history as superlatives in the art of the moving camera.

If... (1969) was written with *Zero for Conduct* on its mind, for the Sixties generation of revolting youth. A darker, longer, more convoluted work than its

precursor, this film, directed by Lindsay Anderson, deals with violent revolution in the stultifying environment of a British boarding school. Done in an unevenly surrealistic style, *If...* touches upon the inequities of the class hierarchy in such places, where froshly underclassmen are treated as scum and are prey to the sadism and homosexual advances of upperclassmen. Fantasy is freely evident and indistinguishable from reality, as the viewer perceives naked women strolling through alleys or writhing on the floor, a chaplain being murdered yet reappearing in full hypocrisy, and so on, towards the viewer's stupefaction. Adding to the sense of piecemeal disjointedness is the intermittent and irrational use of black-and-white film stock in an otherwise color movie, caused by financial ills of the producers. The acting by such as Malcom McDowell is quite adequate. If one wishes to fantasize the destruction of an oppressive pedagogical structure, these films will make an interesting combo.

—Lewis Hashimoto

Nix On The Chair Leg

The California Tech

Peter Fay's letter inspires some very interesting questions. Firstly, if Miss Ghitelman should have taken a (I quote) "chair leg to the projector," does this mean that persons who are dissatisfied with the running of Tech should, say, ransack the 3rd floor of Millikan? Or, if a person dislikes a piece of sculpture on campus, should he smash it to bits? Does Professor Fay really mean to encourage and condone acts of destruction and violence? If he does, Anarchy rides once more, and I for one am truly sorry.

Secondly, there is the question of where the film came from and how it ended up at the Decompression Center. As a refugee from a (then) recent bachelor party in one of the student houses, the film and its projector were brought to Decompression by members of the house.

The Caltech Y, which runs the Decompression Center for the students, had no prior knowledge of the students' actions.

The showing of the film elicited no protests until some time (and several showings) later when Miss Ghitelman took it upon herself to give the film and projector a cold shower, as it were. The films were shown at one end of the lounge: they could be, and were, easily ignored by those who did not care to watch.

The films were only a small (albeit well followed) part of yet another successful Decompres-

sion, and before Professor Fay tells the Y to "leave town", he might, perhaps, take a better look at that of which he speaks.

Post Script: Miss Ghitelman might wish to take her glass of water to Georgia Tech and R.P.I., where the student film societies have taken to showing X-rated features.

—Edward J. Bielecki

The Unkindest Cut of All

Dear Sirs,

I wish to reply to the critics of Elisse Ghittleman as quoted in last week's issue of the *California Tech*. I suppose I should not be surprised at the eagerness with which the members of the Caltech community leapt to correct the inaccuracies and misconceptions contained in Ms Ghittleman's letter. But I am appalled at the personally vindictive nature of many of the comments made about her statements (I have heard the halls of the undergraduate houses ring with such comments as "What she needs is a good gang-bang"). I request that the Caltech family be more temperate in their judgements and try to understand: can you really expect rational behavior from a dumb slit?

Sincerely,

Timothy J. Herbst

PROTESTED FORFEIT

A letter of advice and warning to Caltech students:

At the beginning of first term this year, I took out a drawer for EE-90 lab by depositing \$5.00 with the secretary in the EE stockroom. She said that the key to this drawer would be due around the end of this term and a notice would be sent to me at that time. I also believe I gave her my extension so I could be called if there was any problem. When the end of the term came around, I decided I would like to finish up some things on a project I was doing, so I did not send the key in. Meanwhile, I signed up for two EE-90 labs next term. First term finished and I did not get any notice or phone call or any notification that the key was due, so I used the same drawer in my labs second term and expected to third term for EE-90 lab. However, third term, I decided to work part time so I dropped EE-90. When I went to empty my drawer, I found that the lock had been rekeyed. When I went to see the secretary, she said my \$5.00 had been taken and that I

could "throw the key away" as I held it out. I told her what I have written here and she informed me she was "not very sorry" for me. Subsequently, I went to see Mr. Jim Campbell, who, while a bit more sensitive, still refused to give me my deposit. Like the secretary, he said notices had been sent out. Again, I received no notice of any kind. Then he said it was my T.A.'s fault; however, I can't accept this because my T.A. was not the one to promise a notice would be sent (at the end of not just one term, but two) and my T.A. was not the one who had used my money to rekey locks unnecessarily. Before any misunderstanding occurs, let me say that Jim Campbell in my opinion is just about the best man possible for his job as well as a fine person; however, I feel I have been wronged in this matter. I doubt I will be getting my deposit because apparently I am the only one who is getting hurt by these mistakes, but perhaps other students can take my experience to heart. I suggest that any time you leave a deposit

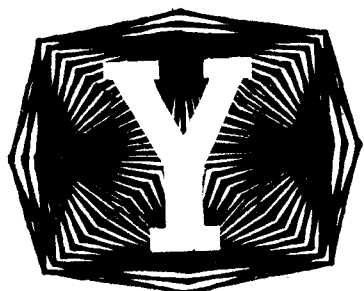
for anything on campus, insist that you be given a written statement that plainly states when and where said thing is to be returned. Don't let anyone tell you that you will be sent a notice or will be called if you leave your extension, because this may not be true, as it obviously wasn't with me.

Thanks for "listening,"
Alfonzo Vazquez

Mr. Vazquez admits that he was told that the key would be due around the end of first term. He failed to return it then or at any time during the next term. It was his responsibility to return it within a reasonable time, and the \$5.00 is the price he paid for failing to do so. Also, if the secretary says the notice was mailed, then it would be worth considering the possibility that the notice was lost in the mail, inasmuch as campus mail has been known to be delivered by rather circuitous routes (Dabney House to Crellin by way of San Francisco and St. Louis, for example).

The Editors

Programs



CALTECH

This week is a particularly busy one for the folks at the Caltech Y with a veritable wealth of fine programs:

Saturday, April 17

There is still time to sign up for Dr. William Schaefer's expedition up Echo Mountain. This is a very worthwhile activity for those who wish to reach higher states of elevation.

Tuesday, April 20

Ed Buryn, author of the widely-read *Vagabonding in Europe*, appears in Baxter Lecture Hall at 8p.m. Slides and interesting tales from a fascinating person is in order for the evening.

Wednesday, April 21

Good scientists should be aware of the role of the church in Latin America. Thomas G. Sanders of the American Universities Field Staff is at the Winnett Student Center at 7:30p.m. to discuss *Nuns, Guns and Third World Development*.

Thursday, April 22

The James Dudziak Memorial Los Angeles Philharmonic Concert Series continues tonight in the Dorothy Chandler Pavilion at 8:30p.m. Cultured Techers are encouraged to see Zubin Mehta and the Phillies perform pieces by Dvorak, Rochberg and Brahms. Isaac Stern will be on lead violin with the rumored appearance of Jerry Garcia on rhythm cello. Sign up in the Y office. Only \$1.50.

Friday, April 23

Fingerpicking good guitar and banjo licks with lots of fiddling around is on the Olive Walk Noon Concert menu with hard-

core bluegrass band *Smokewood*.

Miscellany

The office services committee at the Y needs your help. It's fun to be involved! Contact Jeff Eriksen at 792-0801.

Ms Joan says that people who don't pick up their book money might never get their hands on it. Truck down to the Y and pick up your book money before it's too late.

Applications for the Paul Studenski Memorial Fund Award are now being accepted. It's your chance to win 1000 clams to help you reach identity. Hurry, the deadline is May 3.

Robert Tajima

A new Xerox copy machine now stands modestly in the Y workroom. This is the new Xerox 4000—a rather compact piece of equipment, considering its versatility. The machine provides an appreciated service to the CIT community at a lower than average price, under the option of cash or charge. And posted around it are very explicit instructions that hopefully we will all follow closely.

The Caltech Y has had very discouraging experience with its Xerox machine and has lost as much as 50% in revenue due to dishonesty on the part of its users. This has averaged to roughly \$30 a month—money that could have been used for other Y functions.

Maybe with this brand new machine will come a brand new start on a better record of honesty on the part of its users.

—A Concerned Teacher

Award Nominees

NOVELS

Midsummer Tempest, Poul Anderson
The Computer Connection, Alfred Bester
Funeral for the Eyes of Fire, Michael Bishop
Heritage of Hastur, Marion Zimmer Bradley
Invisible Cities, Italo Calvino
Autumn Angels, Arthur Byron Cover
Changeling, Samuel R. Delany
Magtime, E. L. Doctorow
The Forever War, Joe Haldeman
The Birthgrave, Tanith Lee
Fissioning Man, Katherine MacLean
Guernica Night, Barry N. Malzberg
The Exile Waiting, Vonda N. McIntyre
The Mote in God's Eye, Larry Niven & Jerry Pournelle
The Female Man, Joanna Russ
The Stochastic Man, Robert Silverberg
The Embedding, Ian Watson
Doorways in the Sand, Roger Zelazny

1976

Nebulas

NOVELLA

"Sunrise West," William K. Carlson
 "A Momentary Taste of Being," James Tiptree, Jr.
 "The Storms of Windhaven," Lisa Tuttle & George R. R. Martin
 "Home is the Hangman," Roger Zelazny

NOVELETTES

The Warlord of Saturn's Moons, Eleanor Arnason
Blooded on Arachne, Michael Bishop
The Custodians, Richard Cowper
The Dybbuk Dolls, Jack Dann
Polly Charms, The Sleeping Woman, Avram Davidson
The Final Fighting of Fion MacCumhail, Randall Garrett
The New Atlantis, Ursula K. LeGuin
A Galaxy Called Rome, Barry N. Malzberg
San Diego Lightfoot Sue, Tom Reamy
The Bleeding Man, Craig Strete
Retrograde Summer, John Varley

SHORT STORIES

"Doing Lennon," Gregory Benford
 "White Creatures," Gregory Benford
 "Utopia of a Tired Man," J. L. Borges
 "A Scraping of the Bones," Algys Budrys
 "Attachment," Phyllis Eisenstein
 "Shatterday," Harlan Ellison
 "Find the Lady," Nicholas Fisk
 "White Wolf Calling," C. L. Grant
 "Catch That Zeppelin," Fritz Leiber
 "Sail the Tide of Mourning"
 "Sail the Tide of Mourning," Richard Lupoff
 "Child of All Ages," P. L. Plauger
 "Growing Up in Edge City," Frederik Pohl
 "Time Deer," Craig Strete

Winners in

Bold Face

DRAMATIC WRITING

Young Frankenstein, Mel Brooks/Gene Wilder/Mary Shelley
Dark Star, John Carpenter/Dan O'Bannon
Rollerball, William Harrison
A Boy and His Dog, L. Q. Jones Production from Harlan Ellison's story



The Forever War, Joe Haldeman's story of a 1000-year interstellar war, received the Nebula award for best novel of 1975 from the Science Fiction Writers of America last Saturday evening.

The book, based on four novelettes that originally appeared in *Analog*, was Haldeman's first novel. It competed against seventeen other nominees, as a change in the award procedure this year placed any work that received four or more recommendations on the final ballot.

The best novella award went to "Home Is the Hangman" by Roger Zelazny (*Analog*, November). Tom Reamy's "San Diego Lightfoot Sue" (*F&SF*, August) won as best novelette.

Fritz Leiber was awarded the best short story Nebula for "Catch That Zeppelin" (*F&SF*, March). *Young Frankenstein*, by Mel Brooks and Gene Wilder (and Mary Wollstonecraft Shelley?), was honored as the best dramatic writing.

Both Zelazny and Leiber are multiple winners of Nebulas; Reamy's first published story, "Twilla", was a Nebula nominee last year.

The second Grand Master Nebula was presented to Jack Williamson, in recognition of more than forty years of writing science fiction. In a letter congratulating Dr. Williamson, Robert Heinlein confessed that his immortal Lazarus Long was the "bastard son" (literarily speaking) of Williamson's own Giles Habibula. Dr. Williamson is a Professor of English at Eastern New Mexico University; his doctoral thesis was written on H. G. Wells.

[Wells was made of parchment???

Forthcoming Books, Etc.

A Change of Hobbit, 1371 Westwood Blvd. (3½ blocks south of Wilshire), is holding an autograph party for Frank Herbert on Saturday, April 24 from 2 to 5 p.m. Call now (dial GREAT SF) to reserve a copy of the hardcover *Children of Dune*.

The fourth Amber novel, *The Hand of Oberon*, will be serialized in *Galaxy* beginning with the April issue. The hardcover is due from Doubleday sometime this summer; the paperback edition of *Sign of the Unicorn* is scheduled for November from Avon.

The final volume of Michael Moorcock's "Dancers at the End of Time" trilogy, *The End of All Songs*, will be published by Harper & Row in July. The book will be twice the size of either of its predecessors (*An Alien Heat* and *The Hollow Lands*). A companion volume of novellas to the recently released *Legends from the End of Time* is in preparation for 1977 release.

The five Rick Sternbach covers for Larry Niven's Known Space books have been made into fine dye-transfer prints on 20x24" stock by Ctein. [Ed. note: For those of you who haven't been paying attention, Ctein was, in an earlier incarnation, photo editor and editor-in-chief of this very newspaper. Also, he had a solar phenomenon named after him, but that's another story entirely.] The full set, with commentary by Larry Niven, is \$175; single prints are \$35. Look for him at Equicon this weekend, or write: Ctein, 298 Vista Grande, Daly City CA 94014. Check the ad in the January 1976 *Galaxy* for more details.

—Gavin Claypool

Fuller Seminar

Continued from Page One

"In 1927 I considered the question *What can a poor human being do for the advancement of the human race that a great corporation cannot?* Well, a great corporation is a legal entity, and legal entities don't have minds, so one thing a human can do is think. A human being has the ability to discover general relations from special cases. A good example is gravity — there is nothing in a massive object that says it has to behave the way it does — but over thousands of years, people figured out how it works from the way the planets move.

"Look at the problem of housing — there are not nearly enough building materials for conventional houses for all the earth's inhabitants. Yet, there are

more than one-hundred-thousand geodesic domes in existence. Modified forms are even at the North and South poles.

"Consider the energy crisis. I believe it is possible to live on energy income — not on our savings, like fossil fuel. Some time ago, the only types of ships were sailing ships. When steam power was developed, most of the ships still had the spars for sails, and carried along sails for emergencies. Now, if a big wind came up and blew the ship off course, the engine ran out of fuel quickly, and you had to burn the

furniture, the deck houses, the spars, and so on, just to get ashore. If you got back before you got down to the water level, you were lucky.

"I believe that in ten years, we could live on energy income — if we don't worry so much about making money. I don't know if humans will make it. But today, humans are doing their own thinking and getting rid of much misinformation. We have a new world coming thru and doing its own thinking, and if we survive, we owe it to them."



member eyes Tech photographer warily during vote to with-hold minutes meeting. C. Wheeler

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
 with a brilliant all-professional cast

Ramo Auditorium, 8 PM, April 23, 24, 28, 29, and May 1.
 Caltech/JPL Faculty and Staff: \$2:00
 Caltech Students: \$1:00

On American Evolution

Book Review

The Spoiled Child of the Western World, by Henry Fairlie; 326 pages. Doubleday, \$8.95.

Henry Fairlie, author of two books, *The Kennedy Promise* and *The Life of Politics*, is a native Londoner and an experienced observer of politics in America as well as England. He has served as chief editorial writer for the London Times, and after moving to America ten years ago, he has also written numerous articles for magazines such as the New York Times Magazine, the Atlantic Monthly, and Life.

He finds the story of America most intriguing and through his new book tries to offer some further insights into the myth and meaning of America and its ideals.

The major emphasis of Fairlie's book is the exposition of a multitude of fundamental changes that have occurred since the conception of the United States. Finding the first one hundred years very idealistic and the second very materialistic, he raises some important questions

about America in its third century. He attributes the changes of the second century to four well-known men: Darwin, Marx, Freud and Einstein. In particular he asserts that, "The influence of none of these is more than a hundred years old; and, when we consider the havoc that they have wreaked in almost every field of traditional attitudes and ideas, we ought to be surprised, not that we live in a tempestuous time, but that our societies have held so well together." Following this rather provocative beginning, he develops a long series of examples showing the different aspects of change in America and concludes with an emphasis on the restoration of politics as means of truly democratic change.

Each chapter of the book seems to be a separate discussion with its own beginning and end that could conceivably be read without too much regard for the rest of the book. One of his most interesting chapters deals with the controversial topic of

equality in today's society where he brings out some of the fundamental differences between an equality of opportunity and an equality of results that have often confused sociologists today. In addition, Fairlie deals at length with elements of change in the political movements of the sixties, religion and ecology.

I would recommend this book to anyone interested in the future of America and its founding principles. The prose is engaging and informative and causes one to seriously reconsider where America is headed in its third century.

—Dean W. Face

Dog in the Manger Effervescent

by Greenie

Spectrum Productions, following a long tradition of "firsts" in theater, will present a specially commissioned English translation of Lope de Vega's *Dog in the Manger* as its eleventh production.

Lope de Vega was the inventor of the drawing room comedy, the play of wits and repartee whose outstanding proponents have included Oscar Wilde and Noel Coward. *Dog in the Manger* is a fine example of the early form of this genre, a bright, witty world where the issues are sex, money, and rank. This cloak-and-dagger comedy goes beyond sharpness of wit—in the 17th century, people still wore swords. However, bloodshed is averted and the violence is confined to banter and the suggestive innuendo.

The plot is a tangled web of intrigue. The lovely countess is in love with her private secretary (quite a faux pas for one of her rank) while the secretary is promised to the countess' servant girl, but has an eye for the countess, should she condescend to forget her rank. Of course,

there is a suitor of her own rank, and a wily scamp who manipulates the situation...and the stage is set for a delightful chuckle at the nature of Cupid.

The costumes are elegant and the settings fitting to the proud Spain of Shakespeare's time.

Most Americans think of inquisitorial Spain as a stern sterile country crushed under the thumb of a tight-lipped theocracy—this is due to centuries of English Protestant propaganda. The Spain of that period was anything but dour—in the jolly view of Lope de Vega, 17th Century Spain emerges as a rich, bubbly, effervescent country, much like bawdy Elizabethan England in many ways.

The production was made possible by a grant from the del Amo Foundation. Merriness and good humor pervade *Dog in the Manger*, and will certainly provide a welcome break for the beleaguered troll.

Dog in the Manger will be performed at 8:00 p.m. in Ramo, Friday, April 23 and 30, Saturday, April 24 and May 1, and Thursday, April 29.

Rock on Rock Santana, Genesis and Zeppelin

Amigos, by Santana, Columbia Records.

Santana is a band that has been rather popular for a number of years. There's a rather unique style which relies heavily on a Latin-African influence that manifests itself in the form of congo drums and Spanish guitar. Not too long ago Carlos Santana, the group's guitarist and founder, was into jamming with John McLaughlin and friends. There was even a time long ago when men were men and giants roamed the studios of San Francisco that Santana jammed brilliantly with people such as the Jefferson Airplane. Ah, the days of "Fanfair"; were they only here, once more.

Amigos is unfortunately not anything like those days of old. The most played cut on the radio is "Dance, Sister, Dance." This song, as you might guess from the title, has a heavy touch of disco in it. In fact almost all of the record seems slanted to the disco crowd. This is a distinct disappointment to me, but they'll probably sell a million copies. Only 'Europa (Earth's Cry Heaven's Smile)' has the old laid back sound of the Santana guitar. This effort, though, is too little and too late to save the album for me. The only thing left to do is get wrecked and stare at all those strange creatures on the album cover.

Presence, by Led Zeppelin, Swan Song Records.

A few years back there were a lot of very popular bands that purveyed a style of music known as "heavy metal" or "hard" rock. Among the foremost exponents were Uriah Heap, Steppenwolf,

In Hungary, the world of highwaymen emerged at the end of the 18th century and lasted until about the middle of the 19th century." To be able to understand the essence of the world of highwaymen, one must be acquainted with at least the outlines of Hungarian bourgeois revolution, a considerable section of the country's population had no right whatsoever. The serfs had to deliver one-ninth of their produce to their landlords and one-tenth to the clergymen, they had to perform socage=service on the manorial estates, and if they committed a crime, or if—innocent though they might

have been—the landlord found them guilty, they were sent on trial by a manorial court constituted of the landlord's officials. Leadership was exclusively in the hands of noblemen, the "nation" was made up of some 400 thousand noblemen, the rest of the population was denied any right. The county leaders and judges were also noblemen, and only the gendarmes, called pandours, came from among the serfs.

Besides feudal oppression, the country was also under the yoke of Habsburg oppression. With the exception of the few years of the

Continued on Page Eleven

and Mountain. Lately the popularity of such hard rock groups has waned just a smidgen. New hard rockers include Blue Oyster Cult, Kiss, Ted Nugent, and Robin Trower. The most popular now, as in the past, are the Who and Led Zeppelin. The latter has a brand new record called "Presence" which has been on the stands for about two weeks.

This latest disk is Zep's 8th release. Once again it is characterized by a hokey and inexplicable album cover. The music inside is standard fare for this band. Basically there is a solid beat supplied by a coordinated bass guitar and drum. Meanwhile Jimmy Page plays over, around, and through this beat on lead guitar. To top it off there is the moaning, groaning, and bellowing of lead 'singer' Robert Plant.

The major fault of this album is that there is no extremely striking song. Rather it is mostly rehashed sounds from the distant past. Still, it is a relief that Led Zeppelin hasn't gone 'disco'.

A Trick of the Tail, by Genesis, Atco Records.

The long awaited Genesis album was finally released recently. The delay was caused mainly by the fact that lead singer Peter Gabriel left the band suddenly after the release of "The Lamb Lies Down On Broadway". There was some doubt until recently that Genesis would even stay together. Many people were auditioned to fill the gap left by Gabriel, but it was finally decided that the band would simply do without a fifth man. Drummer Phil Collins was designated to take over the lead vocals.

Many people felt that Gabriel was such a driving force behind Genesis that there was not much hope for any more good sounds from the remainder of the group. Surprisingly, the new album, "A Trick of the Tail," actually does have good music on it. In almost every respect the music is indiscernible from that produced previously with the aid of Mr. Gabriel. The songs are done in the same baroque but melodious

style as in previous efforts. The lyrics are easily as obscure as ever. For example:

The pressure on, the bubble will burst before our eyes.

All the while in perfect time

His tears are falling on the ground

BUT DON'T STAND UP YOU DON'T STAND A CHANCE.

The sound of the music and voices is also unchanged for the most part which is surprising considering the switch of lead vocals. The dreamlike quality and drug influence of 'The Lamb Lies Down' is also around although there seems to be no overall concept this time. (That is there doesn't seem to be. For that matter, I haven't decided for sure that there has ever been a concept behind a Genesis album.)

Annoyingly, the bad points about Genesis have been preserved through their transformation as well. Their tendency to ignore conventional musical patterns such as repeated choruses, standard verse lengths, rhyme schemes, or standard beats remains. While this may be a trademark of the group, it tends to make the songs more difficult to remember. Purists may point out that one shouldn't be in any kind of shape to remember anything while listening to Genesis anyway, but I can't remember why.

I must say that I like this album. "Robbery, Assault and Battery" is a fine cut and the instrumental "Los Endos" is simply magnificent although it should be three times longer. The real test for the survival of Genesis without Gabriel is still ahead; namely, the current road tour. Come May 1st I'll see for myself whether the new Genesis is for real.

All three albums discussed above are similar in one respect. None of the records are likely to bust any sales charts or attract large numbers of new fans. On the other hand, each of the bands already has a considerable following and these people should be happy with the latest offerings.

—Rock

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Justice

Continued from Page Ten

struggle for independence, from the end of the 16th century until 1867 Hungary was a colony of the Austrian Empire. The country was not allowed to develop her own industry, and her agriculture was also completely exploited.

Considering her geographical outlook, Hungary was completely different from what she is today. The rivers were not yet regulated and they often flooded the neighbouring areas. The winding Tisza was especially infamous for its floods. Huge moorlands were formed in which only local people could find their ways. Those who knew the world of waters could easily get through the moorlands from the Danube to Hortobagy in eastern Hungary. Dozens of herds and studs were grazed in Hortobagy, there were huge prairies in the Great Hungarian Plain, and the territory between the Tisza and the Danube was covered with sand-hills and pastures. The populated areas and the settlements were often separated by large uninhabited territories with an inadequate network of roads. There were vast woods and forests in the hilly areas of Transdanubia (the western part of the country) and the other mountainous regions. With its huge old trees, the dense and pathless Bakony forest reached down to Lake Balaton. The woody woods of Somogy, the forests in the Borzsony, Matra and Bukk mountains constituted the closed world of forest shepherds. However, the forests did not only provide pasture and hunting opportunities, but they also served as a refuge for all those who had some sort of conflict with the law.

And there were many such people in Hungary in that time, including peasants who had a dispute with their landlords and soldiers who escaped from the army. They—together with the herdsmen whose favourite preoccupation was to steal herds and sell them on faraway markets—formed the world of "poor lads" or highwaymen. The highwaymen robbed only the wealthy of their money and goods, they never harmed the poor, and therefore the peasants gave them shelter when they had to hide. However, sooner or later, the majority of highwaymen were either killed in armed clashes with pandours or were hanged.

After the August of 1849 when the troops of the Austrian Empire and the Russian Czar crushed the Hungarian War of Independence, despite the collapse of feudalism, there was an unprecedented boom in the activity of highwaymen. Because, at age the "law" enforced the oppressive measures of Habsburg absolutism, and the peasants helped highwaymen to hide from foreign gendarmes even better than from the pandours earlier. The gangs were formed everywhere in the country, they broke into castles, robbed travellers of herds and studs. The Austrian administration could do anything against the

highwaymen. When, following the Compromise of 1867, a Hungarian government was set up within the framework of the Austro-Hungarian Monarchy, one of the first actions of the new government was to start a fight against highwaymen. Count Gedeon Raday was appointed an omnipotent government commissioner with a special responsibility to fight highwaymen. Count Raday set up his headquarters in the castle of Szeged, which had formerly served under the Austrians as a prison. Hundreds of highwaymen were dragged here, dozens of death sentences were passed, and the rest were sentenced to long-term imprisonment. The world of highwaymen was soon abolished in the Great Plain, and progress stood in the way of its reemergence. The prison museum in Kiskunfelegyhaza gives a comprehensive picture of the world of highwaymen and the fight against them. A special section is devoted to the relics of those who had been kept here in the prison before they were hanged or taken to some dungeon.

The world of highwaymen in Transdanubia survived that in the Great Plain. It lasted until the last decade of the 19th century. It actually ended with the beginning of large scale wood-felling and cutting: no place was left for highwaymen to hide from their persecutors.

Some of the stories related to the highwaymen are the following:

Joska Sobri was the most famous highwayman of the Bakony mountains, whose range of activity, however, also covered the surrounding areas (Veszprem and Fejer counties), and such faraway territories as Zala county and the neighbourhood of the towns of Győr and Szombathely in the second half of the 1830's. He was a good-looking herdsman, always dressed in flashy clothes, who often had expensive parties with his mates. Having committed some lesser crimes, he became an outlaw and later the head of a gang. He never killed anyone, only robbed his victims. He was a frequent visitor in almost a dozen inns in and around the Bakony mountain, and had a mistress everywhere. In 1837, he had a 28 member gang—all of them experienced highwaymen. Once, he robbed a nobleman who turned to the king with his complaint. Martial law was proclaimed against Sobri and his gang, four counties' gendarmes, noblemen and regular troops were after them in the Bakony mountain and on the woody and bushy parts of Somogy and Tolna. Sobri then divided his gang. A group headed by the deputy leader Milfajt his in the Bakony. Milfajt was caught in the vicinity of the town of Veszprem and was hanged the following day. The members of his group were captured soon and were sentenced to death. Sobri and his six people were surrounded by 500 soldiers at Lapafő in Tolna county. They fought until the very last bullet. When he saw that there was no escape, Sobri shot himself in the heart. Four of his mates were killed in the clash, two were injured and

Intro to New Y Excomm

Sunday, April 4th was dark and cloudy day at Capra Ranch, site of the 1976-77 Caltech Y planning session, but the forecast for the coming year looks bright and sunny with a large budget available to spend on terrific programs which always have been the Y's trademark of excellence. New eager bright young faces, the finest of Tech, make up the 1976-77 Excomm. Caltech Y director Walt Meader is smiling more than usual and looks to the future with great optimism believing he has the winning combination. This season's powerful lineup consists of President Carl Gilray, Publicity Chairman Peter Lu, Treasurer John van Dries, Ed Bielecki of ASCIT fame, Steve Comens, Rob Davenport, Bill "Fingertight" Dower, Dean Face, and Chris Wheeler. Returning veterans Mark Davis, Jeff Eriksen, Steve Jaffe, and Rick Lizambri will be helping to coach the new Excomm (short for executive committee) during spring training.

captured and were hanged the following day.

Sobri was the most famous highwayman of Transdanubia, it was him and his gang who—through the bestsellers published about them abroad—made the Bakony mountain known and famous. Several folk songs recall his memory. The other highwaymen after him—including *József Savanyu* in the Bakony mountain and *Bandi Patko* in the forests of Somogy—were also popular among the people, but could not gain a reputation matching that of Joska Sobri.

Hard News Writers!

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ACT NOW!

Carl Gilray became involved in the Excomm by way of Cinemathech, Caltech Y farm club. Although he went to Capra as a dark horse candidate, he was the surprise victor in a close race. In this reporter's opinion, his victory can be attributed by his uncanny ability to obtain votes. When asked what the chances were for the reknowned San Francisco band the Grateful Dead to play for a Noon Concert or two, Carl skillfully evaded the question, answering: "Like the Grateful Dead, this coming year's Y activities will be stacked with karma as well as structured to appeal to the consciously aware Techer. One exciting program the Y is now formulating is a Pitzer-Caltech exchange which is, of course, a way to meet more women. Since this is an election year, expect to have a heavy-duty collection of politicians come to shake your hand. Also, an emphasis on entertainment will remain as the Y plans to continue its excellent series of

1805, he was captured, but considering his noble origin he was sentenced to only five years of imprisonment.

Marci Zold and *Imre Bogar* the two highwaymen of a common origin were much less lucky.

The best known adventure of Marci Zold is the following: once, he saw four Austrian officers on a cart in the Great Forest of Debrecen. He held a pistol at the four officers and ordered them to stay stand-still. So they did. Marci Zold took their money and watches, and then—before he rode away—he threw the unloaded pistol into the cart. Marci Zold was hanged in 1816. His horse trotted beside the cart on which he was taken to the place of execution and from time to time put its head into the cart so that its master could carress it.

Imre Bogar was a very handsome lad and dozens of girls weeped along the route and threw flowers onto the cart when he was taken to the place of execution.

A famous highwayman of the 1850s was David Fazekas who—together with his two mates—arrested 60 carts in a bottleneck along the road between the towns of Cegled and Nagykoros, and robbed them all. With a pair of pistols in both hands, he himself stood at the head of the row of carts, while his two mates took all the money of the surprised marketers. The victims included an Austrian Colonel. David Fazekas was hanged in Gyongyos.

The most famous outlaw of the Great Plain was Sandor Rozsa, the "Prince of Highwaymen," who was born in 1813. He was first captured in 1836 for theft of cattle. He was sentenced for 18 months of imprisonment, but after ten months, he escaped. In 1842 he was announced by the town authorities of Szeged to be the most dangerous robber of the area. With incredible skill, Sandor Rozsa and his gang always

Friday Noon Concerts under the direction of Bill Dower."

Originally from Milwaukee, Carl does not intend to pass the buck as Excomm President. The Caltech Y and Carl graciously accepts any monetary contributions that the reader might bestow on them. However, dollars and cents are secondary to support in the form of individual participation. Any successful organization needs people willing to put in time and energy, and this means you Joe Techer! Apathetic idiot stuck in his simplistic world of computers, delta functions, dipole interactions, and masturbation! Attend Y programs. Get involved. Expand your consciousness and awareness of the world around you. Who cares about tomorrow's physics assignment? You can always copy it off of someone else and cram for the finals. If you flame out, so what. It doesn't really matter anyway. What does matter?

—Robert Tajima

slipped out of the hands of their persecutors—nobody saw Sandor Rozsa, only news of his great hold-ups spread around. In 1848, during the War of Independence, the Kossuth government gave amnesty to him provided he organized irregular troops and fought against the Serbian rebels in the south. The safe conduct was passed to him by the famous Hungarian writer Mor Jokai in an adventurous way. Jokai described how he was led from place to place by highwaymen through moorlands and reeds at night, until he got to an island covered with willows where Sandor Rozsa was hiding. Having got a safe conduct, Sandor Rozsa and his 280 people became members of the Hungarian army. Their main task was to carry out surprise attacks against smaller troops of the enemy, and—using former experience—steal their cattle and horses. Following the defeat of the War of Independence, the Austrian authorities set out to capture Sandor Rozsa, but it was only 8 years later, in 1857 that they managed to get hold of him, when a member of his gang—in hope of gaining clemency—revealed the hiding place of the "Prince." Sandor Rozsa was sentenced to life imprisonment. He showed good behaviour in the dungeon of Kufstein, and following the Compromise of 1867, in 1868, the Hungarian government managed to obtain pardon for him. After his release, Sandor Rozsa regained his leading role in the world of highwaymen in the Great Plain. When count Gedeon Raday received his appointment as a government commissioner, he had to fight primarily against the gang of Sandor Rozsa. When the huge gang was captured, Sandor Rozsa himself was also caught, and although he would have fully deserved to be hanged—because of his role during the War of Independence—he was again sentenced to life imprisonment only. Sandor Rozsa died in the prison of Szamosujvar in the late 1870s.

Caltech Sports

It's Your Game Point



Vote Early And Often

U.S. citizens who will be 18 by June 8 are eligible to register to vote in the California primary (whether or not you currently consider yourself a California resident). IF YOU ARE CURRENTLY REGISTERED AS INDEPENDENT, it is imperative that you re-register with a party affiliation if you wish to vote in the Presidential primary. Deadline is May 9. See Chaz Schlindwien, 227 Lloyd, or go to the "Y" office.

ASCIT Musical

Anyone interested in discussing the possibility of presenting an ASCIT musical during 1976-77 year should meet Tuesday, April 20 at 8 PM in Winnett Lounge. Call 2157 if there are any questions.

\$\$\$\$\$\$\$\$

Thursday, April 22, there will be a BOD meeting concerning the 1976-77 ASCIT budget at 7:30 [AM or PM?] in Winnett [Lounge, Clubroom 1, Clubroom 2, outside?]. Anyone interested in the division of this year's spoils may attend.

News Briefs

Senior Pictures

To all Seniors

Please hand in your *Big T* photos into Flora's office. Have your photo in an envelope and enclose a 3x5 card to facilitate paperwork.

The photos should be black and white, sizes ranging from 2x3" to 5x7 or larger if it is two or more persons.

Committees & Offices

Nominations for ASCIT & Faculty Committees and Class Offices will be open one more week, 'til April 23. Sign up on Flora's door, and please use the right sheets.

ROMERO CANCELLED

The recital by classical guitarist Angel Romero scheduled for 8p.m., Saturday, April 17 in Beckman Auditorium has been cancelled. Please return all tickets to the Caltech ticket office for full refund.

Student Shop

There will be a meeting of old and new Student Shop members on Saturday, April 17 (that's tomorrow, toad). Old members be there at 1:30 PM for clean-up and new members show up by 2:00 PM for check in. The locks will change on Saturday. If you can't make these times contact a committeeman before Saturday (i.e., *TODAY*) or call Phil Naecker x2172.

In view of the inquiries by many into the sparsity of sports coverage by the *California Tech*, this writer would like to make clear the reason. Very simply, the *Tech* has a very small staff. Roughly sixteen names grace the masthead each week, and since sports usually consist of somewhat less than one full page, they correspondingly have one staff member writing them up. (That's me, folks)

There are a number of different sports formally in season: baseball, track and Interhouse basketball to name just a few. One person cannot properly cover everything. (No matter how talented or devoted he might be...) In the past a member of a team would report on that team's progress. A fine system when there are volunteers, but as of now there are none. All of you who want

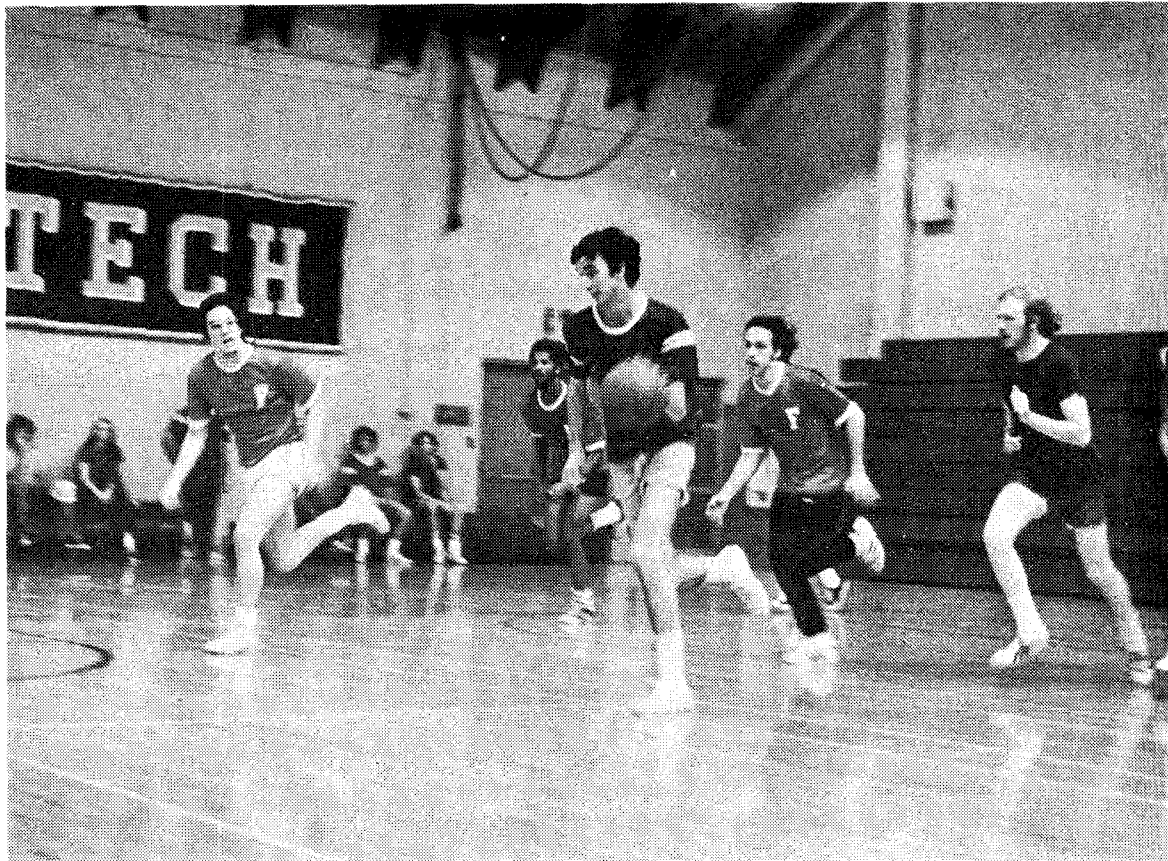
sports will just have to look at the nice pictures taken by our devoted and patient photographers.

But if you are on a team, follow a team, or would just like to try sports reporting (you needn't apply, Cosell), please come to the *Tech* offices in Winnett Center and tell someone. If you act fast, we can make it worth your while by giving three units of humanities credit per term. It's an easy and painless way to toast your team-mates and fill Institute requirements. Come in and talk to someone soon. The fans need you!

Come to Lit 15 in 125 Baxter today at 1 or look up Mr. Hutchings in the Public Relations Office to have an add card signed. Today is add day.

Your dedicated but beleaguered Sports Editor,

Joe Esker



Ruddock moving on a fast break against Fleming during Interhouse Basketball this afternoon.

Photo by Feldman

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