

Don't just stand  
there looking like  
a dumb frosh!

# The CALIFORNIA Tech

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Act like one!

Volume LXXIII

Pasadena, California, Thursday, September 23, 1971

Number 1

"*Goodnight, David*"

## Huntley Replaces Lurie As Dean

Dr. Stirling L. Huntley, an administrator of the University of Hawaii, was appointed as associate dean of graduate studies at Caltech.

Dr. Huntley will join the Caltech faculty early in October after he completes his commitments as director of participant services at the University of Hawaii's East-West Center. The educator, who will work with Dr. Cornelius Pings, Caltech vice provost and dean of graduate studies, will succeed Dr. Harold Lurie, who is on leave of absence.

Dr. Huntley, 46, has had a broad range of experience in university affairs. He went to the University of Hawaii in 1969 as director of admissions. Later, as director of participant services, he became responsible for the office of admissions, alumni and records, community relations, conferences, housing and participant activities.

From 1959 to 1969 he served in Stanford University's admissions office, the last four years as director of transfer and graduate admissions.

He has been active in the

National Association for Foreign Student Affairs, serving as vice president in 1966-67; the American Association of Collegiate Registrars and Admissions Officers, and the College Entrance Examination Board. He has traveled widely in his work and in 1966 was in the Philippines as a Fulbright-Hays lecturer on university administration.

Born in Los Angeles, Dr. Huntley received his bachelor's degree from UCLA and a PhD in speech and drama from Stanford.

### *Frosh Camp*

## New Location, Same Old Program

by Phil Neches

This year's freshman orientation, to be held at Camp Fox, Catalina Island, will feature a "minimal formal program," according to Associate Dean of Students David Wood. There will be more time for recreational activities and informal discussions, he indicated.

Freshmen, faculty and upperclass counselors, administrators, and various hangers-on will board the busses at 8:30 this morning. At San

Pedro, the mode of transit will switch to boat, with arrival at Camp Fox slated for 12:30.

### Welcome

In one of several semi-formal sessions, the usual "welcoming remarks by dean types and ASCIT President types" will occur. Talks on the Honor System and "education at Caltech and how to cope with it," and introductions of people who students will find occasion to deal with—the administration, health center personnel, the Institute psychologists, and others—will occupy other sessions.

Spokesmen for the many extra-curricular activities available will give short presentations at the Saturday morning session. After the formal session, freshmen will have a chance to seek out those spokesmen for more information.

### Return

The entourage of freshmen, counselors, and the rest will leave Catalina about noon Saturday, and arrive back at Caltech by about 4 p.m. Freshmen will be left to their own devices until 9:00 a.m. Monday, when all will congregate in 201 East Bridge to fill out the American Council of Education survey, followed by campus tours conducted by upperclass guides.

Classes for freshmen and upperclassmen start on Tuesday.

## Brown Moves Up

## In The World,

## Books Must Go!

by Channon Price

Now that President Brown has acquired the third floor of Millikan for himself, the Humanities Library has been forced to try to compress three floors of materials into two. With the help of some acquired space in Dabney 206, they hope they're going to make it. The staff is sending the Dewey catalogued books to Dabney, from whence they'll be checked out. However, the catch is that they're to be returned to Millikan, so that they can be re-numbered with the Library of Congress system.

As the open space on the fourth and fifth floors becomes non-existent from switchovers and acquisitions, room will be made in the basement by sending Uncle Sam's Government Documents over to 15 Dabney. Estimates are that maximum density will be reached two years from now; after that the height of Millikan becomes variable above nine stories.

### *More Than 366 Days?*

## Y Plans Big Year Ahead

by Claude Anderson

The Caltech Y.M.C.A., already an active organization on campus, has many events planned for this fall. If you are a new student, you are already aware of some of what the Y is doing. Providing transportation to campus and organizing a freshman camping trip are just the first of the Y's services to the student body.

One of the most exciting experiences is the human potential movement, called "Every day you're growing." This will help you see yourself and your relation to others in a different perspective. It will consist of four sessions beginning October 14: 1. You're beautiful potentially. Discussions on making friends with people; especially people of the opposite sex. A study of how we express ourselves in song. 2. Non-verbal expression. Work on bioenergetics—the effects of the mind on the body and the body on the mind. 3. Developing personal ritual. How to develop your own habits for self-expression. 4. Joy. The celebration experience. An attempt to eliminate the negative aspects of Caltech by emphasizing the positive.

Many unique forms of entertainment to heighten the feeling generated.

On October 16 there will be a concert of Indian-Pakistan jazz musicians in Baxter Auditorium. The Y.M.C.A. is paying all the bills, so the money taken in will all go for relief of Flood Victims in West Pakistan.

A series on the California Legal System is being planned. Rather than just having lectures, this will consist of trips to Los Angeles Courts to view criminal trials and visits to California State Prisons.

A service of which you may not be aware is the record library. For \$2.00 a year, you can have a really good selection of rock albums available. If you lose anything on campus, it will probably turn up in the Y office. If you ever need a quick \$25. loan, this will also be available there.

During upperclass registration, there will be a place provided by the Y for voter registration. If you wish to become a registrar, a three hour class for this will be given later in the term.

Work is being done on a series of

talks by commentators who can say what they think rather than what they think we want to hear. Past experience has shown speeches by politicians to be full of hype and not at all honest. The Y hopes that this will present a truer picture of life today.

Y.M.C.A. President, John Bean, emphasizes that the Y is not so much an organization as it is individuals working on projects to improve the Caltech way of life. If you have a suggestion or anything that you wish to contribute, drop by the Y office on the second floor of Winnett.

### *News Brief*

## Hillel Sponsors Services

The Hillel Club is sponsoring services on campus for the current holidays. For Shabat Shuvah, Friday evening services will be held in the Y lounge (tentatively) at 6:30 p.m., and Saturday morning services will start at 9:00 a.m. in Clubroom 2 of Winnett.

Kol Nidre services will start at 6:30 p.m. Tuesday evening, Sept. 28,

in Clubroom 2, and Yom Kippur services will start 9:00 a.m. Wednesday morning in the same location.

A Simchat Torah service is planned for Monday evening, October 11, complete with Hassidic dancing. Kiddush (refreshments) will be served following this and the Shabat Shuvah services.

### *Air Pollution*

## EQL Fights Smog, Parking Problems

One third of Caltech's staff and grad students are willing to car-pool in an attempt towards the eventual evanescence of smog. That's the result of a five-question questionnaire taken this August by 3000 Caltech staff members and grad students.

The Environmental Quality Lab (EQL), who directed the survey, hope that others will "think twice about the pollution they produce enroute to work," and perhaps suffer themselves to try carpooling.

Patti Horne, EQL research aide, who is engineering the massive logistics project of grouping persons by neighborhoods, added, "We have found quite a few teachers who live on the same street."

Among the advantages of carpooling, she said, are saving money on gas, parking, wear and tear, tickets, quicker transport for those who now bus to campus, more car use for other family members, less mental fatigue contracted during traffic jams, promotion of the use of propane, and meeting "groovy people".

Possible difficulties are, "that it's hard to find copasetic [adj. slang, Excellent, first rate (origin unknown)] people with similar schedules." Also, there's a longer pick-up time, the feeling that "what I do cut down in smog can't make that much difference," the extra harshness when a pool member is sick or on vacation, and less mobility for errands, leaving late or early, etc.

On October 1 there is a get-acquainted social for prospective "quintuple uppers" from 2:00 to 5:00 p.m. in Dabney Lounge. Lists of Techers by neighborhood are in preparation now, and will be distributed to interested persons before the event. Those desiring such lists, including people who did not respond affirmatively to the summer questionnaire on the project can phone Patti Horne, ext. 2795.

Responses for the survey were about equally divided among those who are willing to try carpooling, those who walk or bike to work, and those who are unable or unwilling to participate.

One EQL researcher said, "Last year there were 250 days when the carbon monoxide level exceeded the state standard, and 98% of CO pollutants are caused by autos." EQL's John Trijonis, who is preparing a PHD Thesis on the economics of air pollution in the LA Basin added that 75 per cent of the local eye-irritating, plant-damaging photo-chemical smog is caused by autos.

The reduction of LA basin smog is one of EQL's main concerns. The other is energy demand and supply. EQL's long-range, anti-smog strategy consists of: the conversion of fleet vehicles (which comprise about 1/3 of LA vehicles) to a low emission gaseous fuel; at least a 20 per cent reduction in car use through gasoline taxes, freeway tolls, parking fees, tax incentives, and carpools; and additional mandatory smog control devices for autos and stationary pollution sources. For more information about EQL, call campus extension 1134.

## The Walk That Was



In the black of night, the famed PHWH&RR stole into the Street of San Pasqual and adorned the aforesaid causeway with a new crosswalk of regulation traffic-zone yellow [indelible]. Realizing that traffic would be a problem, traffic was re-routed through Beckman parking lot. It took one-half hour to construct the crosswalk; it took B&G six and a half hours to eradicate it after the dedication of Jorgensen.

—Photo by O'Meara

Editorial

Off-Campus Representation

Fall has again come to Pasadena, and after a one-year lapse freshman camp is again a reality. For three days the freshmen will live, eat sleep, learn, and play with faculty and student representatives.

However, the selection of these student "representatives" leaves one to wonder. That members of the ASCIT BOD should be there is not questioned; they have been elected by the entire student body. The remandier has been selected by the Inter-house Committee, composed principally of the seven house presidents.

And yet more than one sixth of the freshman class will not be in these houses. True, they will probably all rotate and be chosen by the houses and most (?) will linger on campus long enough to endure initiation afterwards, but how many will be on campus? Some argue that all of them will be on campus second term, but it may turn out otherwise. How many people come back on campus once they are off? Not nearly as many as move off.

The houses will argue that they are the representatives of their off-campus members, and for some they are, but not for all. Off-campus house members in all likelihood made fewer applications for berths on the Catalina trip, but at least one house has all on-campus representation even though off-campus members did apply.

Years ago there was a special organization for off-campus students, the Throop Club. Perhaps a similar group should be organized to provide off-campus students some representation when the problem concerns these people. In most cases the decisions of the Interhouse Committee affect only those stud-ents on campus. When the decisions will affect the off-campus people as well, these people need and deserve representation.

—Paul A. Levin  
Philip M. Neches

Close It Down

Pedestrians can find relative peace on the part of San Pasqual Street in front of the new Jorgensen Information Sciences Lab, a welcome change from the normal hectic two-way traffic. Road crews are currently relocating sewer lines which formerly ran under Michigan Avenue in order to make way for the new behavioral biology lab which will be build over Michigan. Ground breaking will take place next spring if everything continues as planned.

But the current respite from traffic on San Pasqual should only reinforce the undesirability of a major throughfare in the middle of a campus, especially one as relatively small as Caltech. The traffic can make a routine visit to the computing center a nerve-wracking experience. While we must hope that most of the bad driving on San Pasqual can be attributed to the outside world and not to Techers, it is only a small consolation.

Two weeks before school started, a group of students decided to take the matters into their own hands and added an extra crosswalk between Winnett and Jorgensen. While legal technicalities necessitated erasing their efforts, their actions demonstrate student concern.

Caltech and the City of Pasadena are negotiating plans to close San Pasqual to through traffic. We hope that those negotiations proceed as expeditiously as possible, and that work be completed as quickly as possible to better unify Noyes, Baxter, Keck, Steele, the computing center, and the rest of campus by eliminating a daily hazard to students and staff.

—Philip M. Neches  
Paul A. Levin  
Peter W. Beckman

ZERO POPULATION GROWTH

Zero Population Growth is a lobbying organization attempting to inform our legislators on population related problems. By obtaining government support for birth control dissemination to the poor, removing restrictive abortion laws, allowing birth control materials to be advertised, lobbying for venereal disease education, and other activities, ZPG is initiating the basic changes needed to stabilize this planet's population. If you want more information about ZPG, you can attend our first fall meeting on Thursday October 7, 1971 at 8 p.m., clubroom no. 1, Winnett, or write Z.P.G., c/o Aldre' Khoury, 209-81, Caltech, Pasadena, CA 91109

Freshmen

Physical

Testing

**Editors' Note**—*The author of this article is an attorney specializing in draft law.*

by Mark Peterson

Earlier articles explained that you will probably need a physical deferment to avoid the draft. This article will deal with how to find a medical condition which should disqualify you from induction.

The army publishes a long list of medical conditions which will cause you to be unacceptable for induction. Most draft counselors will have a copy of this list, Army Regulations 4-501, but you are likely to find the list hard to read. Since it is written for examining doctors, it is filled with technical terms which mean little to laymen.

**Books**

Fortunately several books have been written interpreting AR 40-501, *A Doctor's Guide to the Draft* by Forster and *IV-F, A Guide to the Draft* by Sutler. Both books attempt to explain the medical language in AR 40-501 in lay language. Either book would be very useful for you in trying to see if you might have a medical condition which should cause you to be deferred.

Although both books will be useful in finding whether you have medical problems which may get you deferred, you should not rely exclusively on the advice in those books. Both books contain some inaccuracies with regard to the legal considerations of the physical deferment. Also, draft regulations change frequently and some previously correct information contained in both books has become inaccurate because of such changes. Finally, both books are overly optimistic. Especially if you take a physical examination in California you are likely to be found physically acceptable even if you have a medical condition which should disqualify you. Therefore, if you find out that you have a medical condition which should disqualify you, see a draft counselor or lawyer for help in documenting and presenting your claim for a physical deferment and for help in appealing if your claim is turned down.

Continued on Page Six

millikan troll

Summar Summery

by millikan troll

Welcome back from a summer of sun and fun, and a special welcome to the Class of '75. For those who didn't meet with this column before, I should hasten to inform you that this column presents the news behind the news, hints of things to come, and generalized commentary. So here we go.

Gates lab has been condemned as an earthquake hazard. This most immediately means the demise of freshman chemistry labs as most upperclassmen have known them. Just what will become of freshman chem labs remains uncertain. Some talk of having a meeting with all freshmen to present alternatives has circulated; this may coincide with the session of advanced placement in chemistry next Monday.

**Fate Uncertain**

The fate of Gates itself remains equally uncertain. A consulting architect has been brought in to study the matter, with the alternatives ranging from demolition of Gates to shoring it up. The target date for the study has been set for the end of October.

The new Deanery, otherwise known as the residence of Dean of Students Robert Huttenback, is located at 1661 Lombardy Road, about a third of a mile from campus. The genial dean's abode always welcomes students. Go south on Hill one block below California turn left on Lombardy: it's a block and a half away. A great beer and pizza blast to initiate the new Deanery will occur soon.

**Top of the Week**

Physical Plant employees voted overwhelmingly not to unionize (54 for the Teamsters to 120 for no union)... Jenijoy LaBelle is on leave of absence this year to do research on Theodore Roethke... Over fifty freshmen have signed up for He 1, newly reorganized around a series of weekend field trips to study the subject in the flesh.

Several misprints in the catalog becloud the new humanities requirements. Basically all history, English, philosophy, and language courses fulfill the humanistic humanities requirement, even if the litte "H" has been left off. Economics, anthropology, psychology, sociology, and

lingusitics courses do not in general apply twoards the 54 required units of humanistic humanities.

**All in the Catalog**

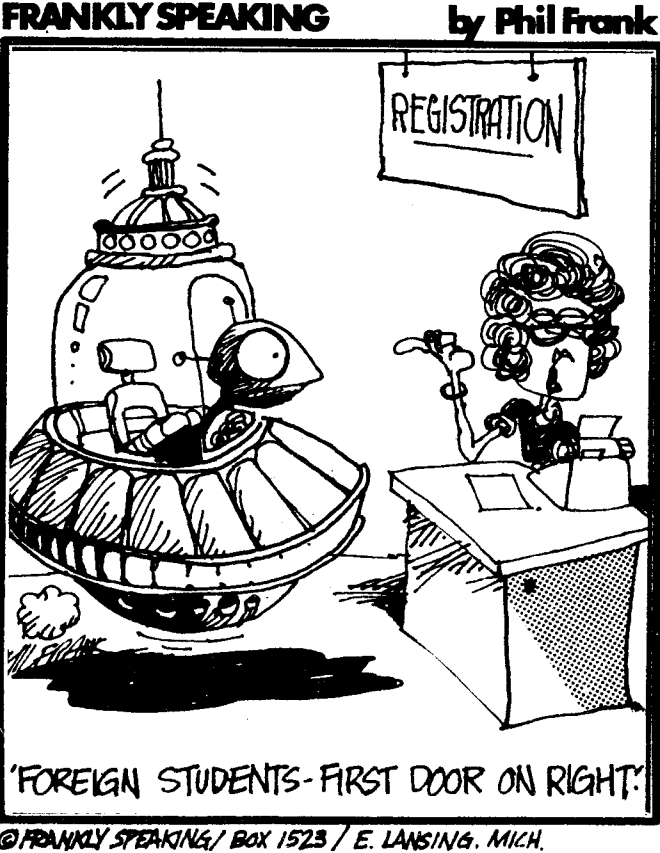
Humanities Division Chairman Huttenback said, MMDon't take the catalog too seriously." If you have any doubts, check with Dr. Huttenback.

The Insitute will offer two art courses, one in drawing and one in painting, both in the new art studio in 25 Baxter. Models will be provided, but students must buy their own materials. The organizational meeting for painting will be Tuesday, the first day of classes, at 4 p.m. The OM for drawing will be a week from Monday at 4 p.m. Both classes will be taught by Caltech's artist-in-residence, Lukas van Vuuren.

**A Bit Early, But**

Several intersting courses are in the offing for second and third terms. Melvin Gurtov, formerly of RAND Corp., will teach a course on Modern China second and third terms. Robert Walk, curator of the Huntington Art Gallery, will give a course on art history, as will William Agee, Director of the Pasadena Art Museum. Agee's course will focus (?) on modern art history.

The first Etaoin Shrdlu Award for Wedgeheadedness Above and Beyond the Call of Duty of the erm goes without opposition to the State of Israel for giving the Med- allion of Valor to Ronald Reagan. The runner up is the freshman who innocently asked a Tech editor, "I take it you don't like Ronald Reagan?"



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You And The Law

Out of State Drivers Take Notice!

by Paul Levin

The State of California has a surprise for all of the out-of-state minors with cars: your drivers licenses will expire ten days after you entered the state! Before you go out and apply for a California drivers license, read the rest of this article; there's an easier way around this difficulty.

All the state is worried about is your "financial responsibility," the ability to pay for any damages you may cause. In the case of adults this is easy; they are legally responsible. But minors are something else again. California requires that each motorist have liability insurance of at least \$25,000 (maximum per person)/\$35,000 (maximum per accident)/\$5000 (maximum for property damage).

Your out-of-state license will remain valid until it expires (and you can use a new out-of-state license) if you prove to the California Department of Motor

Vehicles that you are financially responsible. There are two ways of doing this: You can deposit \$35,000 bond with the department, but this is so ridiculous that it is out of the question.

The other method is much easier: Have your insurance company submit an SR 22 form to the California Department of Motor Vehicles. The form merely certifies that you have at least this much liability insurance. (If your policy is smaller than this, you will have to pay to increase your limits.) You will eventually receive a letter from Sacramento saying that they have received the SR 22 form. Don't worry about the drivers license garbage in the letter. Just take the letter and your drivers license to the DMV office nearest you (just south of Colorado Blvd. on the west side of Rosemead) and go to the drivers license examiner. Explain to him that you want a "Non-resident Minor's Certificate," *not a drivers license!* The whole procedure should take only five minutes and you won't have to take any tests. But watch out! They may still try to sell you a California license!

YMCA

Pop Record Library

Going Strong

The Caltech YMCA Rock Record Library begins the new year fortified by some thirty new albums added during the summer vacation. The Library collection now totals about 120 discs and will probably grow during the fall at the rate of some three new albums a week.

Created last year to remedy the lack of rock, folk and blues recordings at the public library, membership is open to all members of the Caltech community: students, employees and faculty. Located in the YMCA office, membership dues are \$2/year. The Y office is generally open 9-5 Monday through Friday and sporadically at other times.

Recent acquisitions circulate at \$.30 a day but after initial period of less than a month the rate drops to \$.10 a day. All of the proceeds from membership dues and rental fees are used to buy more records. Many of the records have been played only a few times and most are in unusually good condition. A complete catalog of the library is available for perusal in the Y office.

Whirling Dervish

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Paul A. Harmon

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Book Readviews

Science Fiction Bookshelf

Once There Was A Giant eight stories by Keith Laumer. Doubleday Science FICTION' \$5.95.

If you read science fiction, you have probably read something by Laumer. If you have read something by Laumer, you probably liked it. You will like this book.

Once There Was A Giant is a collection of much of the best of Keith Laumer's short stories. The title story is one of those stories that is only incidentally science fiction; it is a very moving story of the life of the last giant.

One of the outstanding features about Laumer's science fiction is that it is People fiction. Each of the stories (except "Prototaph") gives an insight about some facet of humanity, as well as a definition of mankind.

Man is the animal that tries to forget its history. Man is the animal that tries to cheat. Man is the animal that destroys wantonly. Man is the animal that kills for pay. Man is the animal that dreams.

All definitions aside, this is an excellent collection of short stories, and one can only hope that it comes out in paperback soon, because six dollars is more than most people are willing to pay to enjoy and learn about themselves.

Nick Smith  
Science Fiction: What It's All About, by Sam J. Lundwall, Ace Books, \$95.

In this paperback translation, Sam Lundwall, described in the introduction as Sweden's foremost fan, attempts to cover the entire field of science fiction. Altogether he doesn't do too badly. The history he provides is interesting and accurate, his coverage is generally complete, and the quotations he uses coupled with the bibliography at the back of the book exemplify good scholarship.

Separate chapters are given to the various categories of speculative fiction. Developments in utopias, anti-utopias, fantasy and horror, space and time, and even sex are well covered and documented. Magazines, movies, and fandom receive their share of attention from Lundwall,

and his knowledge of European developments is very interesting.

But in much of the book Lundwall comes across as a very opinionated critic who accepts his own views as gospel. Too often he exaggerates the faults and reads fantastic meanings into the works of those science fiction authors with whom he philosophically differs.

Occasionally this technique backfires on Lundwall. A paragraph long dissection of Heinlein's Coventry only proves that he has never read the story, and he later accuses the same author of being reactionary a male chauvinist pig. Another of Lundwall's pet hates, Star Trek, is attacked in a manner that is unfair and untrue.

Lundwall's coverage of important science fiction writers varies from a few sentences widely scattered about to several paragraphs. Inexplicably he omits two of today's more important authors, Frank Herbert, author of Dune and John Christopher who certainly rates as one of the bright lights of the british science fiction scene. Again, Lundwall allows his feelings to run away in his doverage of the authors, and the reader is left wishing for a more factual treatment with less opinion.

Altogether Science Fiction: What It's All About is an interesting book but a flawed one.

Peter Beckman, esq.



Sunday Bloody Sunday, a United Artists production produced by Joseph Janni, Directed by John Schlesinger. Starring Glenda Jackson, Peter Finch and Murray Head. Rated "R".

This is a very British film, to the extent that one must pay a bit of attention to understand much of the dialect and slang used. The acting is excellent, and the photography well done. The script is quite believable, and has its dramatic and humorous moments. The main reason for its "R" rating is the controversial subject matter of the film.

"Sunday Bloody Sunday" is the story of an artist and his lovers, a female employment agent and a male Jewish doctor. (That alone puts it out of the GP range.) The story goes deeply into the lives of the girl and the doctor, and is primarily a study in human character.

This is not a film to see if one is in a down mood, for it is a little depressing. It is, however, a film which one should consider seeing while in a mood to see a serious drama. I recommend it.

Nick Smith

Adios, Sabata, a United Artists release starring Yul Brynner, Dean Reed, Pedro Sanchez and Joseph Persaud. Rated GP.

This is a spaghetti western, but amazingly enough, it is a fairly good spaghetti western. (For those of you unfamiliar with the term, a spaghetti western is one filmed in Italy, and generally taking place in Texas or Mexico). The best previous films of this genre were those with Clint Eastwood as the "hero". Yul Brynner is a better actor, and does a good job as the ultimate gunfighter.

The important thing about movies of this sort is that you try to enjoy them without taking them seriously. A gunfighter who is a cross between Paladin and the Rifleman; a group of Juaristas fighting and defeating the bulk of Maximilian's intelligence? the American government not making a few obvious objections to the Austrian troops of Maximilian retreating into Texas; Maximilian sort of misplacing a hundred gallons of gold dust; these things are not the most believable in the world, but they make for an interesting plot.

For the record, the GP rating stems from violence, not sex. Kevin Thomas of the Los Angeles Times



The Best Things In Life

by Peter Beckman, L.U.S.H.

California wine making has gone a long ways in the two centuries since the Franciscan fathers introduced the grape vine to this state. Some of the products of the original mission grapes would make Red Mountain look great, but time and the growth of the California wine industry have helped to create some of the finest wines produced anywhere in the world.

Most of the premium table wines are produced in the hilly regions just north and south of San Francisco. There the interaction of warm sun and cool sea breezes combine to produce a climate many of Europe's finickiest wine grapes thrive.

The three types of table wines, reds, white, and roses, are differentiated by the type of material that is fermented. In red wines the grapes are crushed and everything, skin, pulp, and juice are fermented together. The red color comes from the dissolved pigments of the grape skins. In white wines only the

Continued on Page Six

counted over ninety deaths by violence during the film. The film is not gory, just violent. Anyway, this is a movie to see for fun, an enjoyable western fantasy. "High Noon" it's not.

Nick Smith

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The Critical Ear

Guess How Many Records We Got This Summer ?!

**Blue** by *Joni Mitchell*; Reprise MS 2038.

This is the fourth Joni Mitchell album, and perhaps the best. It is mostly an album about love, changes and travel. Some of the songs are soft blue love songs of the type that made Joni Mitchell famous. The surprise comes with the upbeat songs, "Carey" and "California."

As usual, all of the songs on the album are Joni Mitchell love songs of one sort or another. Some are about love lost, some about love misplaced, one about love embittered. They range from the softness of "My Old Man" to the cynicism of "The Last Time I Saw Richard."

The album includes guest musicians such as Steve Stills, James Taylor, and the lesser known Russ Kunkel and Sneaky Pete. It also includes Joni Mitchell as a background chorus. Last but not least, it includes Joni Mitchell singing lead vocal for herself. That alone should make the album worth money, for she has one of the most strangely beautiful voices in pop music. Buy the album.

**Charity Ball** by *Fanny*; Reprise RS 6456.

Fanny is an all-female rock group, and a good one. This is their second album, and the title cut is their first top 40 hit. They have now begun to prove their ability as musicians, especially since they also do backup work for Barbra Streisand. The four members of the group are quite good with their instruments, and do most of their own writing. Nicoel Barclay is probably the best lyricist of the group, and is quite a good singer and keyboard musician. Alice DeBuhr is the drummer, and seemingly the background vocalist much of the time. Jean and June Millington handle the electric guitar and bass, as well as doing much of the writing and vocals.

As far as the album goes, it turns out that the title cut is only mediocre compared with some of the others. "What Kind of Lover" is one of my favorites, and the only non-Fanny-written song, "Special Care" (an old Steve Stills' song) is another good one.

My recommendation on this one is to listen to it if you can. You might like it. I do.

**Bird on a Wire** by *Tim Hardin*; Columbia C 30551.

This album was a slight disappointment in that it includes a lot of stuff not written by Tim Hardin. He does a good but not great

version of the almost-title cut, "Bird on the Wire," as well as the ancient "Georgia on My Mind." He does a John Lee Hooker collaboration called "Hoboin'," as well as an improvisation based on that song. "Damian" and "Andre Johray" are the best pure Tim Hardin cuts on the album. One of the best things about this album is that he got away from MGM recording company, which tended to put out 28 minute albums. This album contains enough music so that one can actually sit down and listen between flipping the record over and over. This album is for Tim Hardin fans, but probably will never sell a million.

**B S & T 4** by *Blood, Sweat and Tears*; Columbia KC 30590.

If you listened to any AM radio over the summer, you probably heard one of the cuts "Lisa, Listen to Me," or if you were lucky you heard another, "Go Down Gamblin'". These songs are typical of the first side of the album, which is basically the David Clayton-Thomas side. In addition, the first side has "Cowboys and Indians," written by one member of this group and one member of the Association. It has "John the Baptist," and Al Kooper cut. It has "Redemption," perhaps the best cut of the album musically and lyrically.

The second side of the album is more done by the other members of the group, primarily Steve Katz and Fred Lipsius. There is a Katz vocal and two Katz original songs, and a Lipsius instrumental to boot.

The primary difference between this album and previous albums by the group is that this album contains songs almost entirely by current or former group members. In fact, there is only one complete exception, an Isley Brothers number called "Take Me In Your Arms."

The outstanding features about the album include the surprisingly good guitar work of David Clayton-

Thomas on "Go Down Gamblin'", and the jazz gospel sound of "Redemption." It is a must album for B S & T fans, even if Al Kooper didn't like it.

**NRPS** by *New Riders of the Purple Sage*; Columbia C 30888.

This is a spinoff of some of the San Francisco groups, including the Grateful Dead and the Jefferson Airplane. The leader is Jerry Garcia of the Dead, and the drummer is Spence Dryden, ex-Airplane.

**NRPS** sounds very much like American Beauty, by the Grateful Dead. "Dirty Business" and "Last Lonely Eagle" are two of the best slow songs on **NRPS** the latter being a sort of country-western-San Francisco-slow rock song, and the former being a Jerry Garcia-doing-Woody Guthrie type of song. "Glendale Train" is a western rock song about a train robbery. "Henry" is a classic about a pot run to Acapulco, and is good comedy relief for the side that contains the biggest downer song, "Dirty Business."

**NRPS** should definitely be listened to by any Grateful Dead fans, and anyone else who likes the San Francisco sounds in pop music.

**Me and Bobby McGee, Monument Z 30817** and **The Silver Tongued Devil and I, Monument Z 30679**, both by *Kris Kristofferson*.

These albums are being reviewed as a unit, since the former was just re-released and the latter was just released for the first time. They contain all of those Kris Kristofferson songs you hear by other people, like the title songs, plus a lot of others that no one else has recorded yet.

The first album includes "Sunday Mornin' Comin' Down," "Help Me Make it Through the Night," "Best of All Possible Worlds," "Blame it On the Stones," and a lot of others. The best of those others is the comparatively little-known "The Law is For Protection of the People," which hints that law and order are not the only things, or even the most important things a society needs.

The second album includes his current hit, "Loving Her Was Easier" and a lot of good songs that people have't heard yet. A good example is "Billy Dee", a sad song about hard drugs. Then there are the lighter songs like "The Taker," written in conjunction with Shel Silverstein of *Playboy* magazine.

These two albums are just the thing for a Kris Kristofferson fan. They are also good if you are a lyrics freak, since he is an excellent lyricist. Do Not, however, expect a superb voice. Kris does not have one.

*Nick Smith*  
**Rings**, by *Cymarron*, Entrance Z 30962

What can you say about a group whose members intended to make the Nashville scene, but never got past Memphis? Or about one that takes its name from a TV series that only lasted a year? Believe it or not the group, Cymarron, (from Cimarron Strip) sounds much better than its history would indicate.

Rings, the title song, has done very well as a single in the past few months, and Valerie, the first song on the flip side, shows that the group can write its own material and write it well.

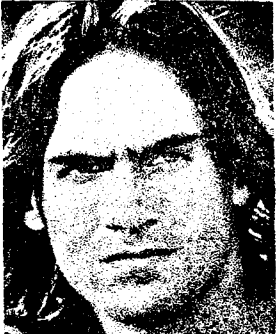
The only sore spot in the album is the way that Sherrill Parks plays the six string guitar-it sounds like he strings it with his feet. But everything considered Rings is an album that can be purchased with no later regrets.

**The Gary Puckett Album**, by *Gary Puckett*, Columbia C 30862

In some cases today's tendency to move away from group albums and towards discs by single artists can be considered a mistake. This album is a prime example. *Gary Puckett and the Union Gap* was a generally unobnoxious group, but the Gary Puckett Album represents a disaster on par with the 1906 San Francisco Earthqua Puckett's crimes against music are best exemplified by his version of "Keep the Customers Satisfied". With Simon and Garfunkle it was a fun song, but Puckett's mood resembles "Ruby" more closely than anything else. He's crying for himself throughout the whole damned song, and I don't like it one bit.

*Peter W. Beckman*

"An American Pop-Epic! The Film Is Immaculately Crafted, Funny and Quite Beautiful." —TIME MAGAZINE



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FFFF

## The Best Things In Life

Continued from Page Two

You should be aware that the Army regulations contain several different medical standards. Sutler's and Forster's books deal with the standards for induction by which most men are judged. However, if you plan on becoming a medical doctor you may be inducted under much looser standards. It is almost impossible for doctors to fail those looser standards. Similarly, for service men who have been on active duty for at least 120 days and reservists or National Guardsmen who have completed active duty training, the medical standards which require a discharge are different from those standards you must pass to enlist or be drafted. It's tougher to get out of the service than to get in.

If you are planning to join a reserve or National Guard unit to avoid the draft, you must pass the same medical standards used for examining men who are ordered for induction. Therefore, if you cannot

pass the reserve or guard physical examination you should also fail the draft induction physical. If the reserve unit offers to overlook the medical standards and let you in anyway, turn them down. If you can't be drafted, why join the reserves?

If you have any questions which you would like answered by a draft lawyer in this paper, write to:  
Mark Peterson  
19 1/2 Horizon Avenue  
Venice, California

Totem 3 ?

## ..Fruit Of The Vine

Continued from Page Four

almost-colorless juice of the grapes is fermented. In roses the skin is left in the fermenting tank for a limited period of time then removed. This gives it the pinkish tinge for which it is named.

Again, these wines can be further subdivided into categories based on the types of grape from which the wines are made. Varietal wines are made primarily from one type of grape and are named for that time of grape while generics are named after a European prototype that they supposedly resemble and proprietary brands are mixtures produced by vintners to (hopefully) suit the tastes of their customers.

Almost all of the finer table wines produced in California are varietals. By law 51% of the wine must be made from the grape the wine is named for. If the wine is vintage dated 75% of it must be made from the grape for which it is named and all of the grapes must have been grown in the year it is dated.

Yes, once again Caltech's literary magazine, *Totem*, is busy selecting material for the first issue of fall. Anyone vaguely connected with the Institute is invited to submit any poetry, photos, drawings, short stories, or whatever for consideration. Material should be sent or brought by the Tech office in Winnett (marked *Totem* so that they don't wind up on front page some issue.)

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BECKMAN AUDITORIUM

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>OCTOBER</b> 3  First week of school deleted due to Jewish holidays.	4	5  Done Tuesday After Lunch: The Cosmic Time of the Week	6	7 	8  BECKMAN AUDITORIUM, 8:00 p.m. HEAVY ORGAN, Virgil Fox with Pablo Lights. \$6.50-5.50-4.50, Caltech Students \$2.50.	9
<b>OCTOBER</b> 10 	11	12 	13	14 	15 BECKMAN AUDITORIUM 8:30 p.m. Dr. Louis S. B. Leakey, world's foremost anthropologist in an illustrated slide lecture on The Latest Evidence on the Antiquity of Man. General Admission \$3.00, students \$2.50. <b>ADD DAY</b>	16 BECKMAN AUDITORIUM 8:30 p.m., SABICAS, Flamenco guitarist. \$5.50-4.50-3.50-2.50, Caltech Students \$1.50. Examinations for the removal of conditionals and incompletes.
<b>OCTOBER</b> 17	18	19 BECKMAN AUDITORIUM 8:00 p.m., Silent Movies: BROKEN BLOSSOMS with Lillian Gish, Richard Barthelmess and Donald Crisp; BELOVED ROGUE with John Barrymore. \$2.50 general admission, \$2 students.	20	21 	22 	23 BECKMAN AUDITORIUM 8:30 p.m., AMEDEE, a drama in French, by Eugene Ionesco. \$5.50-4.50-3.50-2.50; Caltech Students \$1.50.
<b>OCTOBER</b> 24 	25 BECKMAN AUDITORIUM 8:30 p.m. Caltech Lecture Series: Dr. John Benton, speaking on Ideas of Order: Music, Mathematics, and Medieval Architecture. Free. Every OTHER Monday.	26 	27	28 BECKMAN AUDITORIUM 8:30 p.m. Faculty Committee on Programs: CARY LU lectures on The Contribution of Progressive Myopia to the Rise of Impressionism. Free.	29 	30 BECKMAN AUDITORIUM 2:30 p.m. and 8:30 p.m. TYROLERFEST: Toni Praxmair's yodellers, singers, dancers from Kitzbuhel, high in the Austrian Alps. Matinee: \$6-5-4-3, Caltech Students \$2; Evening: \$6.50-5.50-4.50-3.50, Caltech Students \$2.50.
<b>OCTOBER</b> 31 BECKMAN AUDITORIUM 3:30 p.m. Coleman Chamber Music Concerts: first in a new series: CONCENTUS MUSICUS in an all-Bach program. Series tickets (6 concerts): \$25-20-15-12; Single: \$5 all seats, students \$3.00.	<b>NOVEMBER</b> 1 Midterm Week... Grindge!	2 BECKMAN AUDITORIUM 8:00 p.m. Silent Movies: An evening of comedy shorts with Chaplin, Langdon, Mack Sennett, Charles Chase, Laurel and Hardy. \$2.50; students \$2.	3	4  Midterm Week... Sigh!	5 RAMO AUDITORIUM Encounters Series: LOU HARRISON's Young Caesar \$5.00 General Admission, FOB, PAM \$4.50; students \$3, Caltech students \$1. Last day for admission to candidacy for Masters' and Engineers' degrees.	6 
<b>NOVEMBER</b> 7	8 BECKMAN AUDITORIUM 8:30 p.m. Caltech Lecture Series: Dr. R. L. Sinsheimer chairman, Biology Division, speaking on Design in Nature. Free. Mid-Term Deficiency Notices Due - 9:00 a.m.	9 	10 BECKMAN AUDITORIUM 8:30 p.m. Leakey Lecture Series: BARON HUGO VAN LAWICK with 16mm color film and personal narration: Wild Dogs-The Wolves of Africa. \$2.50, students \$2 (ID required).	11 The CALIFORNIA Tech wants YOU as staff	12 BECKMAN AUDITORIUM 8:30 p.m. The National Shakespeare Company in TWELFTH NIGHT. \$5.50-4.50-3.50-2.50, Caltech Students \$1.50. <b>DROP DAY</b>	13 BECKMAN AUDITORIUM 8:30 p.m. JAMES DICK, sensational young pianist. \$5.50-4.50-3.50-2.50, Caltech Students \$1.50. PARENTS' DAY
<b>NOVEMBER</b> 14 	15 Preregistration for second term, ALL WEEK.	16 BECKMAN AUDITORIUM 8:00 p.m. Silent Movies: LOST WORLD with Wallace Berry, Lewis Stone and Bessie Love, and the original TARZAN OF THE APES with Elmo Lincoln. \$2.50; students \$2.	17 Today has been cancelled due to lack of interest	18 BECKMAN AUDITORIUM 8:30 p.m. Leakey Lecture Series: DR. JANE GOODALL in an illustrated slide lecture: Family Relationships Amongst Chimpanzees \$2.50, students \$2 (ID required).	19 BECKMAN AUDITORIUM 8:30 p.m. Armchair Adventures, No. 1 in a series: PARIS, with Eric Pavel. Series: \$10, \$8.75 for all five travel films personally narrated by the experts. Single events if tickets are available: \$3, \$2.50.	20
<b>NOVEMBER</b> 21 BECKMAN AUDITORIUM 3:30 p.m. Coleman Chamber Music Concerts: FINE ARTS QUARTET performing Haydn, Hindemith and Brahms. \$5-4-3-2.50, students \$1 off.	22 BECKMAN AUDITORIUM 8:30 p.m. Caltech Lecture Series: Dr. Hibbs of JPL talking on New Solutions for Traffic Congestion. Free.	23 RAMO AUDITORIUM 8:30 p.m. Faculty Committee on Programs: JOHN WHITNEY lectures on A Computer Art for the Video Picture Wall. Free.	24	25 <b>Thanksgiving</b>	26	27 
<b>NOVEMBER</b> 28 	29	30 BECKMAN AUDITORIUM 8:00 p.m. Silent Movies: ROBIN HOOD with Douglas Fairbanks, Sr., plus NEWSREEL OF THE EARLY 1920's. \$2.50, students \$2.	<b>DECEMBER</b> 1	2 RAMO AUDITORIUM, 8:30 p.m. Faculty Committee on Programs: CHARLES DOCKUM lectures on Color Organ. The use of light in its pure spectral values as a creative, expressive art medium will be demonstrated by the inventor of the Dockum Mobilcolor Projector. Free.	3 BECKMAN AUDITORIUM 8:30 p.m. Armchair Adventures, No. 2 in a series: TURKEY, narrated by John M. Goddard. \$3 and \$2.50.	4 BECKMAN AUDITORIUM 8:30 p.m. DEBU, sitarist—the magic and mystery of India's music. Tabla and tamboura accompaniment. \$5-4-3-2, Caltech Students \$1.00.
<b>DECEMBER</b> 5	6 BECKMAN AUDITORIUM 8:30 p.m. Caltech Lecture Series: Dr. Lester Lees: People, Power and Pollution. Free.	7 	8 	9 BECKMAN AUDITORIUM 8:30 p.m. MARCEL MARCEAU, the world's greatest living exponent of the art of mime. \$6.50-5.50-4.50, Caltech students \$2.50	10 	11 BECKMAN AUDITORIUM, 2:00 p.m. and 8:00 p.m. THE KING OF KINGS—A special Christmas showing of the Cecil B. DeMille classic silent motion picture, with special effects, both sound and visual, a choral accompaniment by the Pasadena High School Chamber Singers, and CHAUNCEY HAINES at the Conn Theatre Organ. This 1927 silent movie is being offered as a special Christmas attraction. General Admission \$1.50; members of the Caltech and JPL community and groups of 15 or more: \$1.00.
<b>DECEMBER</b> 12 <b>F</b>	13 Wagner Festival 7:00 a.m. 120 dB <b>I</b>	14 Blark! It's Tuesday After Lunch Again <b>N</b>	15 <b>A</b>	16 The CALIFORNIA Tech is possibly the world's best newspaper. <b>L</b>	17 <b>S</b>	18 END OF FIRST TERM!

# Garble Tom Headweak's Magic Kingdom

by David Miller

Biblical scholar, radio personality, popular lecturer on biology... yes, thought Garble Tom Headweak, greatness was a heavy burden. And this was not even mentioning his educational duties as canceller of noble Matador College, and his work as managing editor of *The Straight Dope* magazine: he knew the importance of managed news. It helped to know that he had friends like those at Cow Tech, which wasn't an agricultural school, whatever its name might suggest. Only today they had been telling him about the delightful practical jokes they called TFs. Darwin Millstone had said that the letters meant True Fit, but Darwin Millstone had also once told him that the Sargasso Sea was a million-year-old Radiotelescope Squid, and Garble Tom knew that *True Fit* was the name of a movie that starred Glenn Soup Bowl as US Marshal Boozer Daddburn.

Putting this matter aside, he picked up his pen to make some notes on the question which had haunted him for a week: *Why don't woodpeckers get headaches?* But his pen wouldn't work, so he called in his secretary to tell her about his plan to promote noble Matador College and prove to the world that not all youth are nihilistic libertines. What could be more normal and wholesome than a 28-year-old Matador College freshman who believed that he had learned lies when he got his M.S. in bacteriology? How dare the hippies desecrate Disneyland! The Matador student body would journey south to restore the purity of the fabled Magic Kingdom!

Pen For Your Thoughts

The pen actually did work, it just didn't write. The battery left no room for an ink cartridge, but provided the power needed to transmit Garble Tom's words to Cow Tech. And therefore certain Techers had reason to apply their knowledge of lockpicking and electronics in Anaheim.

The Matadoreans arrived at the main gate, walked down Main Street, and went in to hear Mr. Lincoln speak about freedom and the nation. The robot got up from his chair, a trifle awkwardly, cleared his throat and clasped his hands behind his back, as he had thousands of times before, and then announced in the voice of Eric Clapton, "Driving in my car/Smoking a cigar/The only time I'm happy's when I play my guitar/AAAAAAAAAAAAAAAAAah!" The Disneyland staff turned him off as he sang about his yacht, and told the dismayed Matadoreans that the exhibit was closed.

Garble Tom Rides On

and have the opening bars of *Also Sprach Zarathustra* drifting through it, it seemed somewhat appropriate that the voice in the Monsanto Microscope should sing "It's a small world," as the molecules and atoms whizzed by. Unfortunately the Small World ride itself seemed to have audio problems: what came through was a musical mishmash. But there were lots of other things to do in Disneyland, and if it seemed somewhat uncanny that the inside of the Matterhorn, as seen from the little cable-car gondolas, should appear black and rectangular which seemed to say that it was a

small enough world that you could break on through to the other side and travel eternity road.

Garble Tom was beginning to wonder if they should come back another day when they went into the GE Carousel of Progress. But the theatre turned in the normal manner, and the speakers said, "There's a great big beautiful tomorrow, and tomorrow is just a

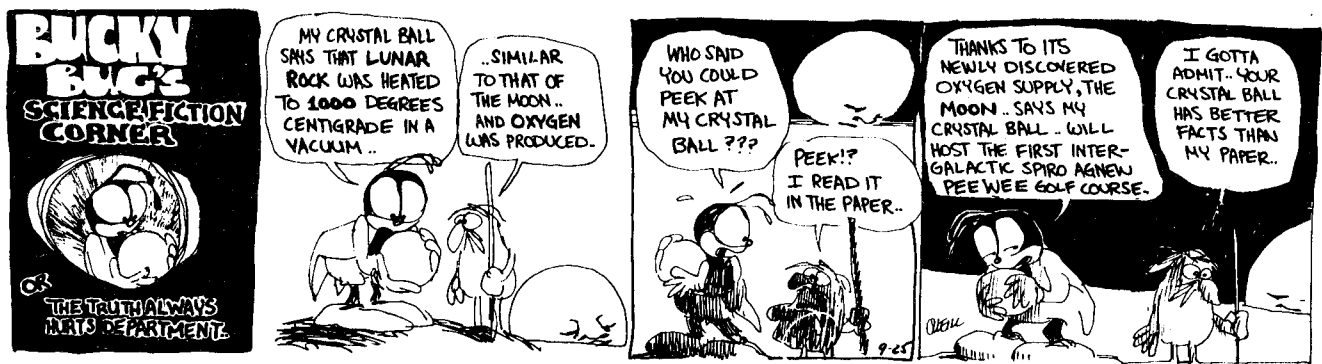
Progress Is Groovy

The side of the stage which showed Mama doing the laundry was lit for a moment, a mere electrical wink, then she shrieked, "I spilled acid on the rug!" "Don't sweat it baby, only eats holes in your mind, hee hee hee. I'm supposed to tell you people about General Electric, but all I know is that he is supposed to believe in positive thinking, and they call him Sparky." He put on a gold-braided cap, waved a lightning rod like a sword and howled, "Charge!" as the theatre started moving again. The man on the stage declared, "I am he as you are he as you are me and we are all together..." They stopped in the '20's on the "joob." dream away" and the man in the 1890's section muttered something like "The dreams you get when you put opium in the hash are reeally...Hellooooo, out there in Groovyland!" He seemed to be having trouble focusing his eyes. "It's a beautiful day in the commune...The family's high as an elephant's eye/And the mushrooms are growing right up to the sky...This is the future section folks. Since the revolution we've made a few changes."

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