

Photo-Dave Wheeler

In celebration of the victorious Tech football game, a small crowd of pyromaniacs prepare the ceremonial fire for the thundering horde.

Tech Stomps Colts 24—6

by Gregg Brown
Tech Staff Writer

The strong-armed denizens of the gridiron won another football game last Saturday the 6th of November and to nobody's surprise we had another marshmallow roast and sawdust disposal event in front of the Pasadena City Hall.

Planning and care that would have made the French Resistance forces look like Jack Klugman made this an orderly affair creating as much possible nuisance with as little possible damage.

A spokesman for the fire department assured this reporter that with six stations in the Pasadena area, dispatching one truck to perform the obligatory duties was no real strain on the fire fighting resources, and posed little danger of trouble should a real fire occur.

One policeman stated that it was a relief to arrive at the scene of a disturbance to be greeted with cheers instead of the normal harsh words and occasional heavy glass and metal objects.

The police in fact acted in an extremely pleasant manner about the fire. Rumor has it from

someone who was listening to a police band radio immediately before the fire that they announced the score from the football game over the radio while dispatching the cars. After the event the police provided escort for the marching crowd, putting a patrol car in front and one in the rear of the crowd.

This action reflected the only apparent worry of the police, that someone from the post-fire crowd would be hurt on the road as a result of a confrontation with a drunk driver. According

to the police, Saturday night at that time—around eleven-thirty—is prime time for drunken drivers.

Fortunately, no such incident occurred.

Although the police ended their escort with a cheery "See you after the next game", one feels that if the football teams don't tone it down they might get a trifle weary of this happening every other week.

If anybody cares, the score was 24—6, and we played the Glendale Colts again.



Photo-Dave Wheeler

The Pasadena Fire Department decided they wanted their hotdogs steamed, so . . .

Free Will More Than a Wish?

A new view of the nature of consciousness and the relation of mind to brain, elevating the role of subjective conscious experience to that of "a top level causal control in brain function," was described last Sunday night by Dr. Roger Sperry, Hixon Professor of Psychobiology here at Caltech.

In contrast to the past treatment of conscious mind in science as "some kind of non-causal epiphenomenon," consciousness is now emerging as "an active causal property of high order brain processing" that can move matter in the brain, Dr. Sperry told the presidential symposium at the sixth annual meeting of the Society for Neuroscience.

The new concept has been evolving gradually over a ten-year period in contrasting with the traditional materialist view in which conscious mind had no influence upon the physical activity of the brain and was therefore something that "brain research and objective science generally could safely, and perhaps wisely, ignore," he declared.

The new concept moves conscious, subjective experience into the realm of science and makes it "something that science can hardly ignore where it wants an explanation of the higher brain functions," Dr. Sperry said.

"In effect, the change means . . . that the whole value-rich qualitative world of inner conscious subjective experience (in other words, the world of the humanities) that has long been explicitly excluded from the domain of science . . . is now reinstated.

"In the revised scheme, conscious mental phenomena have a place and a use in brain function and a reason for having been evolved in a physical system."

A consequence of the change is that many of the more mechanistic aspects of science that the humanities have had difficulty relating to no longer apply in the new framework, explained Dr. Sperry, adding:

"Science, and particularly behavioral science, gets a new look on these terms to become much more . . . humanistic." This swing is more than just a matter of changing attitudes; it has "authentic theoretical support and grounding in fundamental changes in our basic mind-brain concepts."

The current view helps reinforce the scientific status of those disciplines in behavioral science that rely on subjective experience, such as humanistic psychology and psychiatry, even though none of the theoretical changes "makes subjective experience

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Apollo Found

A large rock a few hundred yards in diameter has been discovered in space, one that has come within 750,000 miles of the earth—which is the second closest approach of any known minor planet. (In 1937 Hermes

zipped by within 500,000 miles.)

Designated as 1976 UA, it is probably the smallest minor planet ever observed and has the shortest period around the sun—a little more than nine months. Only the moon is closer to the earth than these objects, which are of interest to geologists as well as astronomers because they have been known to hit the earth in the past.

The fast-moving object—it was traveling at about 24,000 miles per hour relative to the earth when first observed—was recorded practically simultaneously and independently by three observers at Palomar Observatory.

The observations were made by research astronomer Charles Kowal and grad student William Sebok, both of Caltech and Hale Observatories, and by Caltech planetary scientist Eleanor Helin. Assisting her were Caltech undergrads Tod Lauer and Dave Zelinsky. Photographs were taken with the 18-inch and 48 inch Schmidt telescopes, the first being taken the night of Oct. 21.

Precise positions made by Caltech undergrad S.J. Bus from photographs covering several nights were communicated to Dr. Brian Marsden of the Smithsonian Astrophysical Observatory, Cambridge, Mass., for the

Continued on Page Five

News Brief

Pawns
Pilfered!

Some summer resident of the student houses apparently walked off with the Dabney House chess set. In case you're wondering, this action represents a violation of the Honor System. Please return the set to the Dabney House Lounge.

The Decline and Fall of the RF

The real world, it seems, has finally come to Tech or more accurately, Tech has become a part of the real world. I speak of the demise of what was once known as the "RF" and its replacement by simple undisciplined vandalism.

Tech has long been known for the practical jokes of its students, and in general the reaction of outsiders as well as of the Caltech community, has been one of tolerance. This tolerance resulted directly from the fact that there were two very important rules regarding RF's: Never intentionally damage anything, and whatever you break, you fix. Examples of RF's which recognized this rule are the Rose Bowl Card Trick RF, Lynnan's Lemony Used Cars, the Claiming of the People's Wall by the OCRC (Official Campus Riot Committee, formerly the Official Nonviolent Campus Riot Committee), the McDonald's Affair, and the Baxter Fishing Expedition in which one Whale was caught. In none of these RF's was any property damaged (in fact, in the case of the People's Wall, said wall was redefined when the original wall was refinished), and in each case, a specific group took the credit (or blame) for the act.

Recently, however, there has been a dramatic change in the nature of such pranks, protests, or whatever you wish to call them. The idea of taking care that property is not damaged has been lost, as has the idea of assuming responsibility for the prank. Several examples of this new trend in RF's have been:

Shortly after the new Olive Walk was installed B&G put up a sign requesting that there be no traffic at all on the Olive Walk until its surface had been made relatively impervious to oil, grease, etc. In response, someone tore down the sign from the post with no thought of replacing it with an appropriate message. Someone else replaced the sign with a one-way street sign pointing out of the Olive Walk, but this sign too was torn down. To date, nobody has claimed either of these acts, and it is not likely that anyone who would protest in this manner would be willing to let the rest of the Caltech community know about it.

A bronze plaque with a bas relief image of Arthur Fleming was stolen from Fleming House, and despite pleas for its return, it still is missing. Once again, the person responsible wishes to remain anonymous.

A picture donated to Fleming House was severely damaged when somebody decided that it would make a good target for a raw egg. Once again, the perpetrator remains anonymous.

Most recently someone decided that it would be a nice idea to try to RF the *Tech* by defacing the front page of this week's issue. The person in this case did sign the work; however, he signed it the OCRC, and the OCRC disclaims any knowledge of his actions. Worse than anonymity, this person

decided that it would be a nice way to RF two groups at once if he implicated an innocent party.

Perhaps the most shocking action of this sort (to Techers, at least) occurred last spring, when the drosophila in one undergraduate laboratory course started dropping like flies. It seems that someone decided that if the others in that course were doing better than he was, a logical and reasonable alternative was to slow them down a bit, in this case by destroying weeks of work on their part.

The point is, an RF ceases to be an RF when it ceases to be constructive or even good-natured, but becomes instead an act of destruction or of malice. Those who have chosen to ignore this fact in their actions are well aware of it anyway hence their craving for anonymity. Years ago, one could be reasonably certain that if one saw anything at Tech maliciously damaged it had been the work of an outsider. Knowledge that a contemplated prank was to be performed by Techers was virtually a guarantee that nobody would be hurt. This is no longer the case, and we must sadly bid farewell to a glorious era in which there was a sharp line between Tech and the real world.

Carl J Lydick
Al Kellner

Security Stolen?

Those of you with cars here may have noticed when you went to get your parking stickers from the Security Office in the basement of the Business Services Building that the office had somehow become fully occupied by the Safety Office, and that Security had mysteriously disappeared. The people on the first floor of Downs-Lauritsen may also have noticed that the Security Officers no longer have an office there either. These sudden disappearances (which incidentally, occurred during mid-summer, but never attracted much attention) were due to the fact that Security has moved its operations to the second floor of the Central Engineering Services building.

The move, prompted by requirements by both the Security and Safety Departments for more space, as well as the desire to put the administrative and line operations of the Security office under the same roof, has been gladly accepted by both offices, although one patrolman has remarked that CES is "out in the

boondocks" and less accessible to people at Tech than the offices in BSB and Downs Lauritsen.

Other points of interest concerning Security are:

For those of you with an interest in ME, there is a safe sitting in the Security office which can't be opened. It seems that the person using it died without letting anyone know what the combination was. Security will be glad to let anyone who wants to have a crack at opening it as long as the technique won't damage the safe.

The Student Security program still hasn't gotten off the ground this year due to an apparent lack of interest. The job pays about \$2.35 per hour for between four and twenty hours of work per week, in units of four hours, and involves walking around campus and locking and unlocking doors, as well as responding to various burglar alarms, etc. The opportunity for advancement is high (the current student coordinator is scheduled to retire at the end of the academic year or sooner), and the pay is reasonable, especially if you're inclined to wander about campus nights, anyway.

Parry! Riposte!

The Editorial Page

News Brief

Hillel
Havdalah

The Caltech Jewish Community (Hillel) will be sponsoring a Picnic-Havdalah Service at the Beach Sunday, Nov. 14. Anyone wishing to go should meet at Michael Perelmutter's house at 724 Strand on Sunday at 11 a.m. If you need a ride from Caltech, meet in the Athenaeum Parking Lot at 10 a.m. For more information or directions call Louise Lorden at 355-1625. So bring your sack lunch and have some fun!

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Ex-Editor in Exile

J'ai Bu du Café Noir

J. Alexander McCorquodale, an erstwhile Tech version of Don Quixote, is now busily tilting at windmills while in a self-imposed exile in Alsace-Lorraine (a lovely little province that changes nationality at the drop of a war), occasionally pausing to send accounts of his adventures to the Tech. The story of his exile began a little over a year ago when he was elected in a special election to the office of Editor-in Chief of the Tech, and culminated with his resignation and disappearance from Tech

UASH having claimed the majority of the Tech editorial staff, a special election was held in September of 1975 for the position of Tech editor, with the result being that the team of Bielecki, McCorquodale and Yoshida took over. As this team began its term of office, prospects for the Tech looked bright, and little occurred to change this situation during first term of that year.

Then as election campaigns began to organize during second term, McQ made one of his first major political mistakes: he became involved in the C. Y. Achmet scandal and coverup. As of the date of elections, however, much of the scandal remained clouded in mystery, and McCorquodale and his team were able to get elected, though by a much narrower margin than had been hoped for. In the wake of the scandal, McCorquodale made more political blunders, including antagonizing the IHC, whose accusations he countered with the now historic statement "I am not a yellow journalist."

As the term proceeded things went from bad to worse and toward the end, an entirely new personality, that of Bunter S. Humpson emerged from McQ's warped psyche. McCorquodale became noticeably peculiar, and finally, unable to stand Tech anymore, he resigned, saying, "Now the IHC won't have Sandy McCorquodale to kick around anymore." Thus, with the firm conviction that he had been hounded from office, and a full and free pardon for all crimes against the Tech he committed or may have committed during the period from September 1975 to June 1976 having been granted by his successors, McCorquodale moved from Tech to live in self-imposed exile, cut off from his former friends and shunning the eyes of the Tech public, in the Alsace-Lorraine (which is currently in France).

-CJL

Your man in Strasbourg is back at the keys after enough bizarre occurrences in October to last a Methuselan lifetime. With no more ado, today's Russian Salad of European Events.

One warm night twenty or so souls were bringing a party to full head in this room overhanging the road when a tremendous turmoil was stirred up in the road below and we all piled out to see what the devil was going on. We met half a hundred French infantrymen dressed in battle fatigues and desirous of cigarettes and booze. They were stationed down by the Rhine and once a year they undergo a night exercise wherein

they are dropped off somewhere in Alsace and must find their way back to camp without asking any of the local populace. Being hospitable to these defenders of the soil on which we stood, we hauled a case of wine down and tossed them a few cartons of Ducados, Spanish cigarettes from the Canary Islands whose odor strongly resembles that of cow dung.

New wine, fermented only three to five weeks, is in season in October and the great New Wine Festival is held in the provincial town of Barr; which might explain why we were in Barr the day of the parade. American parades have become great televised events with careful orchestration and assorted grades of plasticity. This parade was quite different. The route is circular, meaning that things go round and round until everybody is exhausted. The floats are rag-tag esplanades of flowers with visible wires holding them together and sometimes only half-finished by festival time. The bands are staid citizens of the community in sundry states of uniform and virtually never on-key or in-tune; none of this obsessive American precision. Each float distributes either

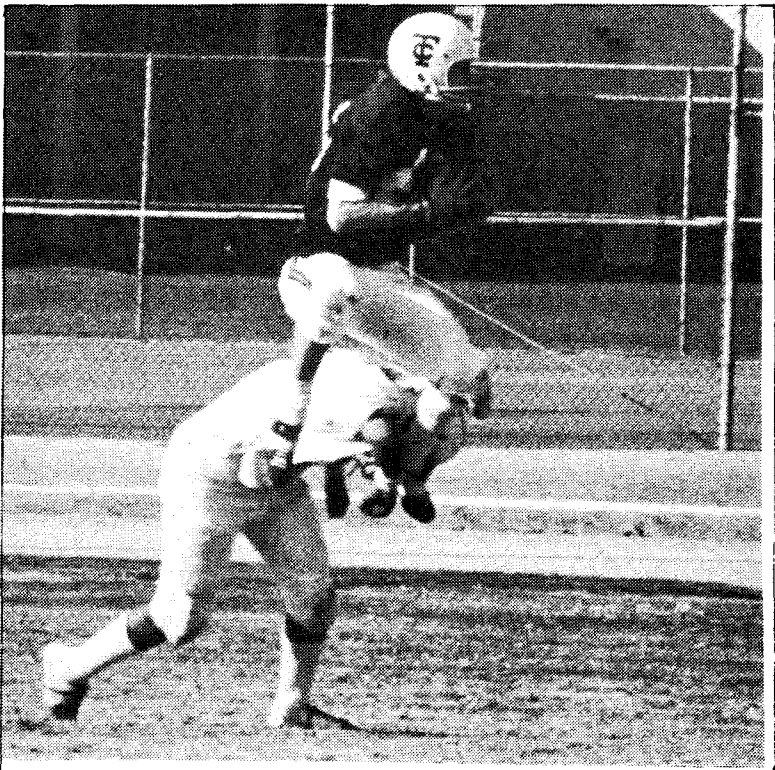


Photo-John Loo

"My turn to ride."

wine or candy with an occasional one ripping its own flowers out and tossing them to the crowd. The wine floats are followed by quite a gathering accosting the yokel running the tap of the cask while the candy floats have little kids throwing rock candy at the crowd with fast-ball style Mike Marshall would be proud of. The best scene of the day had one of

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Guarneri Quartet

The Guarneri Quartet, deservedly regarded as one of the world's great string quartets, will give the second Coleman Chamber Concert of the season on Sunday, November 21, at 3:30 p.m. in Beckman Auditorium.

Brought together in 1965 at the urging of one member of the venerated Budapest String Quartet, and named at the suggestion of another, the Guarneri Quartet has proved itself equal to its sponsors. The extraordinary international acclaim won by this New York-based group comes both from wide concert exposure—often more than 100 concerts a year—and from its extensive recordings, which now number over 40 and include several collaborations with Arthur Rubinstein.

Their Coleman program includes Mozart's Quartet in G Major, K. 387, the Quartet in A Minor by William Walton, and Beethoven's Quartet in F Major, Op. 135.

Tickets are available now at the Caltech Ticket Office, 332 South Michigan Avenue (just north of the Beckman Auditorium parking lot). For additional information, call 793-7043.

Lee Austin Joins California Tech Staff

by Henry Fuhrmann

Reporter Lee Austin of the Los Angeles Times paid a visit to Caltech recently for an informal interview. Present were members of the Tech staff and the journalism class, Lit 15. Austin, whose San Gabriel Valley beat includes Caltech, discussed his work, the Times, and newspapers in general.

The San Gabriel Valley section, one of five local sections of the Times, has a readership of 140,000 people, and focuses heavily on human interest stories and coverage of regional events. Austin himself prefers to devote more time to writing feature stories. Depending on their timeliness, stories may be published as soon as possible, or may be "dumped" for use at a later date. Other factors, said Austin include space available and the "whims" of the editors. When widespread interest dictates, news from the local sections may appear in the Times' other major sections. For example, coverage of Pasadena's school integration problems have been front page stories.

A common axiom of sorts is that the average newspaper reader has the equivalent of just a

ninth-grade education. Austin, however, disagrees and believes that articles can be written clearly and in a readable manner without being in "dog and cat" terms. The Times tries to reach a higher level of readership than does the Free Press or the Herald-Examiner, for instance.

Today the L.A. Times compares favorably to the New York Times and the Washington Post, and is generally considered to be one of this country's top ten newspapers. According to Austin, this has not always been so. Years ago, tough competition with the Hearst papers forced the Times to concentrate on the local scene. Then under the leadership of publisher Otis Chandler, it became an international paper with news bureaus throughout the world. The point that Austin was making is that even "One of the World's Great Newspapers" must start off small. (Well, there may be hope for the Tech after all.)

Throughout the interview, Austin displayed a great interest in—and a knowledge of—the Caltech community. He discussed briefly the Glee Club and Olaf Frodsham, the Ricketts House Pot, and two would-be student

aviators. Each subject could inspire a good feature story and each has human interest value. Mr. Austin sees Caltech as being a "different world" and of a high caliber, and hence approaches stories here differently. In the process he must do some translating from the language of the scientist to that of the average reader. As mentioned before, the nature of the "market" determines the level of writing and reporting.

All in all, it was a short but pleasant discussion with a man who obviously knows his field.

(For an Interview)

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POLYMORPHIC ARE COMING



Burnt Rubber and the Steve Pope Band will appear at the Green Elephant Bar and Grill Saturday.

Rock on BFD

Burnt Rubber Band in Dabney

by Rock

This Saturday night at the Green Elephant Bar and Grill, the entertainment will feature Burnt Rubber and the Steve Pope Band. Burnt Rubber is an old band with a new name. It features (left to right in the picture) Dynamite Dyer on lead guitar and vocals, Rex Raunch on drums, Quaalude the Red on bass guitar, and Samurai Smith on guitar. In what has to be the thrill of my young life I was granted an exclusive interview with Dynamite Dyer who is also known affectionately as BFD.

Rock: Well, Dynamite, this will be the third appearance for your band at the Green Elephant. What can we look for that will be different?

BFD: We have a new bass and new guitarist, but we sound pretty much the same. Let me say that Burnt Rubber is putting out an album on Stench Records called 'Burning You Down'. Also tell everybody to drop and see us at the G.E. The admission's free.

Bye now.

Rock: Wait a second Dynamite. Let me ask how you got started in music.

BFD: I was taking violin lessons, but I hated it so I taught myself to play the guitar about 8 years ago. I've been playing rock and roll about three years. I love it. It's great to feel the power of the music and the power you have over people.

Rock: You talk as if you want everyone to absolutely love you.

BFD: They already do. Want to be my groupie?

Rock: No.

BFD: My music has a message. I'm trying to say that life is for enjoying.

Rock: Then what the hell are you doing as a student at Tech?

BFD: Don't bother me with details.

Rock: What happened to your nose?

BFD: I just returned from Rome. No, actually my nose is just my nose. I once broke it in a fight but I kicked the dude's mouth in. I hated that bastard. Oh, let

me tell about the time I was driving with a few of the other band members in my Z28 down Whittier Blvd and this Harley pulls up beside me and... (Dyer went on to tell about a drag race and fight and all, but this reporter has it on good authority that Mr. Dyer doesn't even know how to drive.)

Rock: How did you get this new name?

BFD: We were sitting around Tuesday night and you suggested it. I thought it was pretty disgusting but the guys in the band thought it would be good for a laugh.

Rock: Ha Ha. Well, are you ready for the big show?

BFD: Hell, yea. It'll be great music and a dynamite show. Not that there will be any big theatrics. Just good dirty fun. After all, that's what Rock and Roll's all about.



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What do you do after Interhouse has Collapsed

With the grim spectre of finals rising no less ominously than inflation some of you may take refuge in the realm of fantasy. Congratulations! Not only are you in excellent company but there's a whole lot to see and do here. In fact, it's not at all difficult to put together a tour.

Perhaps the first thing for a tour is to provide orientation, to give some sense of the quality and extent of the landscape. For this purpose I direct you once again to the Huntington Library, where the current special exhibition is *Early English Fantasy Drawings*, a collection composed largely from the work of Charles and Richard Doyle. These brothers are known primarily for contributions to *Punch* in the early nineteenth century. Their chosen topics cover a multitude of sins, some of which seem quite familiar. The notes accompanying the exhibit speak arcanelly of fantasy in the transition from caricature to the grotesque. A walk in the gardens will put it all in perspective—it's off season.

The next stop on the tour is a demonstration of the power and effect of fantasy on the human condition. Travel now to the

place that is UCLA, where once 'twas said Valkyries did stride. If no other fantasy catches you along the way go to Melnitz Soundstage 3 tonight or tomorrow at 8:30 p.m. There you will find Peter Brook's International Center of Theater Research presenting *The Ik*, a dramatization of Colin Turnbull's study *The Mountain People*. An African people displaced from their traditional hunting grounds, the Ik lose their ritual, and thus the rich metaphysical fabric of their lives. What remains is a broken people who maintain a hidden link with the Godhead in the person of the mountain, Morongule. The resulting "private" sense of worship seems prevalent in many contemporary societies.

The meat of any tour of fantasy is one's own. Onwards, then! Let us not shirk our duty. Given the time of year, a good fantasy to pick at random is a New Year's Eve party with the Grateful Dead. For some of us, anyway. Not only can you leave Pasadena, but you can hit the best of all possible parties. Following the fantasy's course leads you to the final bend, becoming real. And indeed the rumour emanating from Bill Graham is a Dead party in San Francisco this New Year's Eve. Contact your friends in Berkeley and have faith.

It becomes apparent that the realms of fantasy and reality overlap. Such is the stuff by which our daily lives are made. For example—have you ever wanted to do opera? With a major company? Present yourself tomorrow at the artists' entrance at the Dorothy Chandler Pavilion where the New York City Opera is auditioning supers (i.e., extras). You didn't really want to finish the term, anyway.

Tomorrow is full of other neat things, too. Not only Interhouse, but also a double concert in Beckman by the Romeros (whom you can catch free at today's Noon Concert) will take place tomorrow. If this isn't a wide enough choice, there's still the jazz-rock concert at the Pasadena Civic. But this isn't so different from Dabney's offering.

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Consciousness

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ience any easier to work with by scientific methodology."

The psychobiologist cautioned that the increased recognition of subjective experience, which is supported by theory, has been accompanied by "side effect developments" which are not similarly supported. He included among these: mysticism and occultism, astrology, faith healing and parapsychology.

"To the extent that our latest mind-brain theory is correct, consciousness becomes intimately tied, as an emergent property, to the living brain in action," Dr. Sperry declared, "and is an interpretation that hardly adds to the likelihood of the existence of things like mental telepathy, precognition, psychokinesis or the presence of mystical domains of conscious experience apart from brain activity."

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Black Coffee

Continued from Page Three

these float kids break a huge bouquet of beautiful flowers over the head of a young chick who wasn't that bad in her own right. The only problem with new wine is that it contains a lot of residue from the grapes, and even though they call it something different in every country, the result is similar.

Hitch-hiking is an on and off proposition when one looks as sleazy as we do, but one day we were picked up by an ancient German fellow driving an older Peugeot. He didn't speak a word of French and after a little experimenting in English, we hit upon German and found that the fellow was from Vienna and couldn't find the road to Austria. Guiding him out of the countryside and into the town, we sent

him to Germany amid profuse thanks on his behalf.

Standing on the Place Kleber and looking terribly French, a fellow came rolling up and asked directions in, for me, quite undecipherable French. After rephrasing the question in German, Spanish and Arabic the fellow flashed a look of great disgust at my linguistic ineptness and took off down the block.

But gradually one learns where books in English can be bought and that the gendarmes aren't going to bite your head off if you ask directions in very broken French and which streets have the most good looking women and that gesticulating and smiling a lot goes a long way towards conveying meaning.

—Sandy McCrocodile

Apollo Tracked

Continued from Page One

determination of a preliminary orbit.

Bus' prompt measurements enabled Caltech grad students Richard Green and Jeff Sanders to locate and obtain a spectrum of the asteroid with the 60-inch telescope at Palomar.

Drs. Marsden and J.G. Williams of JPL calculated that the rock circles the sun about every nine months in an orbit

ranging from 45 million to 115 million miles from the sun. The asteroid's orbit is tipped about six degrees from the plane of the earth's orbit.

When first discovered, the asteroid was about 1½ million miles from the earth and was moving away very rapidly. It was in the great square of the constellation of Pegasus, and of 13th magnitude. Three days later it was three million miles away and was slowing down markedly. It had been at its closest to the earth on Oct. 20th.

The asteroid showed up in the long-exposure photographs as a streak because it was moving relative to the background stars which the telescopes were tracking. Kowal was looking for supernovae, and Sebok was taking photographs which would be searched by computer for very faint galaxies.

Mrs. Helin was searching for Apollo objects—so named because they are asteroids whose orbits pass closer to the sun than the earth's orbit. This search program, supervised by Dr. Eugene Shoemaker, Caltech geology professor, is designed to provide the statistical data to determine the number of these objects that orbit in the vicinity of the earth and also for studying the origin of the solar system.

This is the second such object discovered this year whose orbital period is less than a year. The first, 1976 AA, was found about nine months ago by the Shoemaker-Helin search group, which is sponsored by NASA's Planetology Program.



Photo-Dave Wheeler

Rolling Thunder, medicine man for the rock group "Eagles" and spokesman for the Cherokee and Shoshone tribes, tells of ancient and glorious Indian deeds in a recent Y spotlight series presentation.

TAT

Continued from Page Four

For many of us, the Inter-house trip will last far enough into Sunday to leave the remainder unmentionable. So we turn to Monday and specifically to the Whisky recent home of the Cycle Sluts and the Doo Dah Gang. Now a regular Monday offering at the Whisky Don Ellis and his electric orchestra play. If you're not familiar with Ellis, find some gnarly upperclassman who remembers the Beckman appearances. He'll probably offer to drive you to the Whisky.

Try to wake up Tuesday morning, though. That's when the fifty free and fifty one-dollar tickets for the Sunday November 21 concert by the Guarneri Quartet become available at the ticket office. If you don't make it Tuesday morning, however, don't worry I can't remember a Coleman concert that's run out of either ticket price. [There aren't even fifty of you that would come for free? Fie!]

—Chris Harcourt

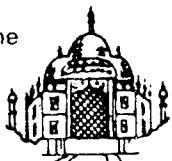
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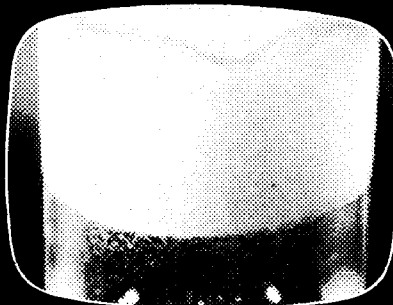
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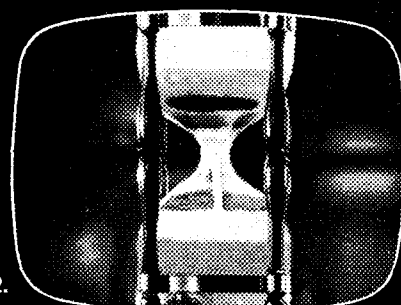
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Does beer improve with age?



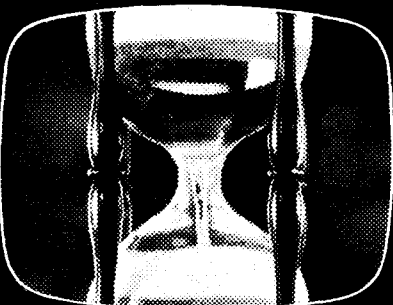
1.

Does beer improve with age?



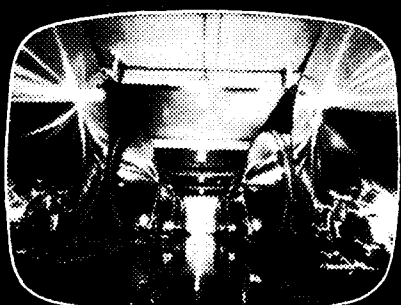
2.

What do you say: Definitely? Definitely not?



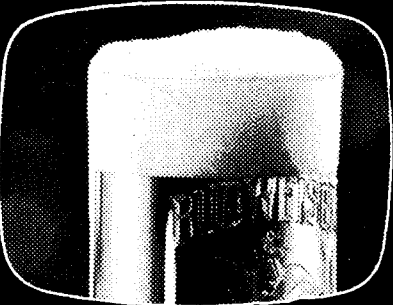
3.

Well, the Budweiser brewmaster says: Not indefinitely!



4.

What he means is beer is really only aged while it's in the ageing cellars at the brewery; not after it's been bottled!



5.

Besides, everything you've always wanted to know about ageing you'll find in one taste...



6.

from a cold bottle of Beechwood Aged Budweiser. (Time after time after time...)



Get a free copy of the Budweiser "Beer Talk" Booklet.
Write "Beer Talk," Anheuser-Busch, Inc., St. Louis, Mo. 63118

Rock on Rock

Crosby & Nash Shallow

Heart Like A Wheel by Linda Ronstadt:
After hearing Linda Ronstadt's "A Heart Like a Wheel" it is easy to understand her current popularity. Her songs

fit into many musical categories and she performs well in all of them. As examples there are her pop rock hits 'You're No Good' and 'When Will I Be Loved', her FM standards 'Dark End of the Street' and 'Faithless Love' as well as some out and out country music.

The theme of Miss Ronstadt's record is rather universal as well. The songs dwell on pain incurred because of love. Whether about bad loves, lost loves or simply no loves, the songs are designed to clutch at your heart.

The songs succeed mostly because of Miss Ronstadt's magnificent voice. While a couple of the songs are a bit tacky, Linda always sings with total conviction. The background artists are as varied as the material, but they all do credible work. By almost anyone's standards this is a superior work. By the way, don't confuse this record with Linda's brand new album, "Hasten Down the Wind" which I'll review in a few weeks.

Whistling Down the Wire by Crosby and Nash:

This is an easy listening album in the CSNY tradition. The songs are treated seriously, but the lyrics are not compelling. The vocals are performed nicely but due to the weak material often end up sounding a bit shallow. The instrumental arrangements are rather complex and hard to get into and not particularly rewarding to listen to. In sum the album is not worth more than one listen although I must admit that I listened to it twice before realizing that fact.

Long May You Run by the Stills Young Band

These two ex-CSNY members have been able to achieve a clean break from the old CSNY formula and end up sounding alright. The songs are bright and alive with a cowboy country flavor. 'Long May You Run' and 'Ocean Girl' are particularly pleasant cuts. The other cuts from side one join these two to

create a rather haunting effect.

On the other hand I can't decide if 'Let It Shine' is a mistake or a joke which the artists aimed at themselves. Neil's vocals are particularly sloppy, Stephen's background vocals seem purposely off key and the song itself is too hokey to believe. Though the other songs on side two are pretty good, the overall impact is not as strong as the first side.

In total the album has to be rated favorably. The recording, mixing and back-up artists are better than in the Crosby and Nash album. The guitars are particularly well played and provide a solid base for the vocals which are not quite as good as in the Crosby and Nash album, but end up being more effective because of the better material.

Both Stephen Stills and Neil Young have had very erratic solo careers. Being together, though, seems to be a moderating effect on both artists and this album is a pleasing effort.

Here is a partial list of upcoming concerts in the L.A. area:

- Tonight: Blue Öyster Cult, Bee Bop Deluxe and Angel at the Forum.
Nov. 13-14: Leo Sayer at the Roxy.
Nov. 15-16: Vassar Clements at the Golden Bear.
Nov. 22: Eric Clapton and Charlie Daniels Band at the Forum.
Nov. 22-23: Robert Hunter at the Starwood.
Nov. 25: Lou Reed at the Santa Monica Civic.
Nov. 30: Elvis Presley at Anaheim Convention Center.
Dec. 5-7 Peter Frampton at the Forum.
Dec. 13: Ambrosia at the Santa Monica Civic.
Dec. 14: Stanley Clarke at the Santa Monica Civic.
Dec. 20: Bee Gees at the Forum.

-Rock



Photo-Pam Crane

This electric furry saxophone, "...captured in the wilds of Montana..." and Buffalo Dave are but two examples of Roto's free wheeling style.

Become a Roto Rooter

Last Friday, *Roto*, formerly the *Roto Rooter Good Time Christmas Band*, graced the Quad with its first performance ever at Tech.

Known for its zany style and irreverent humor, *Roto* has toned down its act considerably since it first achieved popularity in Southern California several years ago. Its satire is not as sharp and its music is more conventional (for example, "Pico and Sepulvada", one of its more popular songs from the past was not played while there were several parodies of both current and past

rock as well as a slightly warped version of "The Boogie Woogie Bugle Boy of Company B"), but perhaps the most disappointing thing about the evolution of the band was the fact that physically their style is now much more sedate. Not once during the performance was the entire band in the air, as contrasted with performances in years past in which seldom were all of them on the ground simultaneously. "The Professor" has become "Uncle Jeff", and Aufthe Walley is no longer billed as the band's sex god.

Still, where else will you find a band with a member who has tamed the wild furry electric sax? And where else can you hear the "Bumble Boogie", as performed by the incomparable B-flat Baxter? Yes, despite their increasing conventionality, *Roto* is still one of the zaniest, most amusing bands around, and they were a welcome break from midterms week.

-CJL

News Brief

Attention All
Guys and Dolls!

Tryouts for the February ASCIT Musical, *Guys and Dolls*, will be held next weekend, Sat. Nov. 20 from 3-5:30 p.m. and 7-9 p.m., and Sun Nov 21 from 4:15-5:30 p.m. We need people for cast, crew orchestra and staff. Faculty students, staff, spouses and friends are welcome. Call 2157 for information.

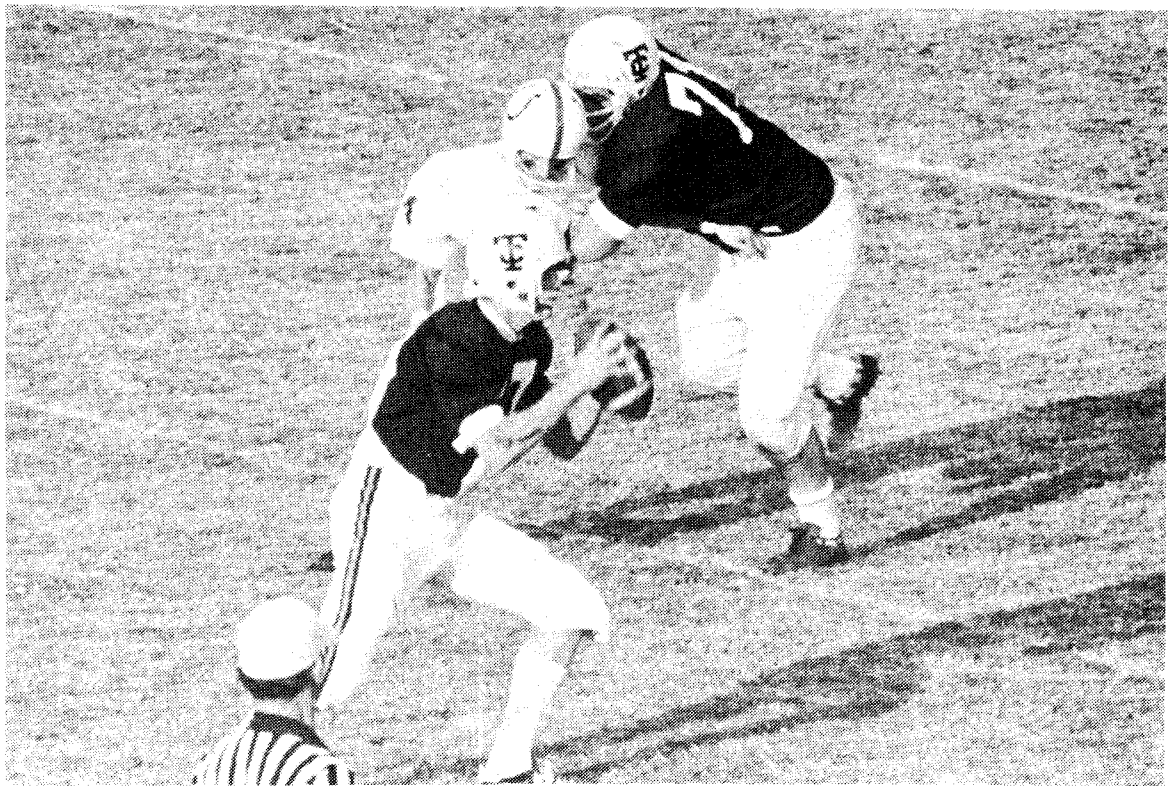


Photo-John Loo

Sucessful passing aided Tech in winning its game against Colts last Friday.

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Cheap Ski Classes Offered

Due to interest generated by last season's ski touring program and a forecast for ample snow this season the Los Angeles County Department of Parks and Recreation will again be offering Novice Ski Touring Classes for local residents.

The special class will be held at Crescenta Valley Park 3901 New York Avenue, La Crescenta on Friday, December 17, 1976. The program is designed for novice or non-skiers, 13 years of age or older. Expert instruction will be provided in basic Nordic Ski Touring Techniques.

The class will meet on Friday evening December 17, from 7 until 9:30 p.m. Included is a culminating all-day trip to the Mount Pinos Recreation Area on

Saturday, December 18th.

A nominal fee will be charged to defray the cost of snow which will be imported for the class, instruction, bus transportation to Mount Pinos and trip insurance. Ski touring equipment may be rented from a number of local shops at special group rates.

Registration is currently being conducted on a first come, first served basis. Class size is limited with a registration deadline of December 9, 1976, or sooner if filled.

For further information and registration forms call the Los Angeles County Special Programs Unit at (213) 324-1121 between 9 a.m. and 4 p.m. weekdays, or Crescenta Valley Park at (214) 249-5940. After 6 p.m. and on weekends call (213) 545-3581.

Bulletin: Weather Gets

Jump on Interhouse;

Heavy

Rain

Causes

Construction Setbacks

By the time we're old enough to have children, we've been thoroughly sold on the idea.

By our parents, our grandparents, our friends and neighbors, the media, everyone.

It's hard to remember we ever had a choice in the first place.

But there is a choice. Having a child is a tremendous responsibility and an important decision. Probably the most important decision we'll ever make.

And once it's made, it can never be undone.

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For more information write:

National Organization for Non-Parents

806 Reisterstown Road
Baltimore, Maryland 21208

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Please send me your free
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Photo—John Loo

Follow the bouncing ball, Support your football team.

All the News That Fits

Insurance Claims

It seems that Blue Cross has in at least one instance refused to honor a claim for services rendered prior to September 1 the carrier changeover date for the student health insurance, but billed after. This is an error on their part, and anyone else who has had a similar problem is urged to contact either Lyman Bonner or Larry Thompson, Benefits Manager in the Personnel Office so that

an attempt may be made to have the error rectified.

Biology Tutorials

The list of Biology tutorials (Bi 23) to be offered next term is now available in the Biology Office, 156 Church. The tutorials are staffed by Biology faculty, postdocs and grad students. They provide an opportunity for learning through personal contact in a small group situation and cover a broad range of subjects. Bi 23 may be taken for up to 6 units; grading is pass/fail.

CLASSIFIED ADS


IMPORTANT STUDY ABROAD ANNOUNCEMENT
Limited openings remain on CFS accredited Spring 1977 Academic Year Programs commencing Spring Trimester. Early acceptance is now open for Fall '77 Winter, Spring 78 or Full Year '77-'78 in Moscow Salamanca, Paris Dijon, Florence, Perugia, Copenhagen, Amsterdam, Vienna, Geneva, England for qualified applicants in languages, all subjects inc. int'l law business. All students in good standing eligible—Freshmen Sophomores, Juniors, Seniors, Grads. Good faculty references, self-motivation, sincere interest in study abroad, intl cultural exchange count more with CFS than grade point For

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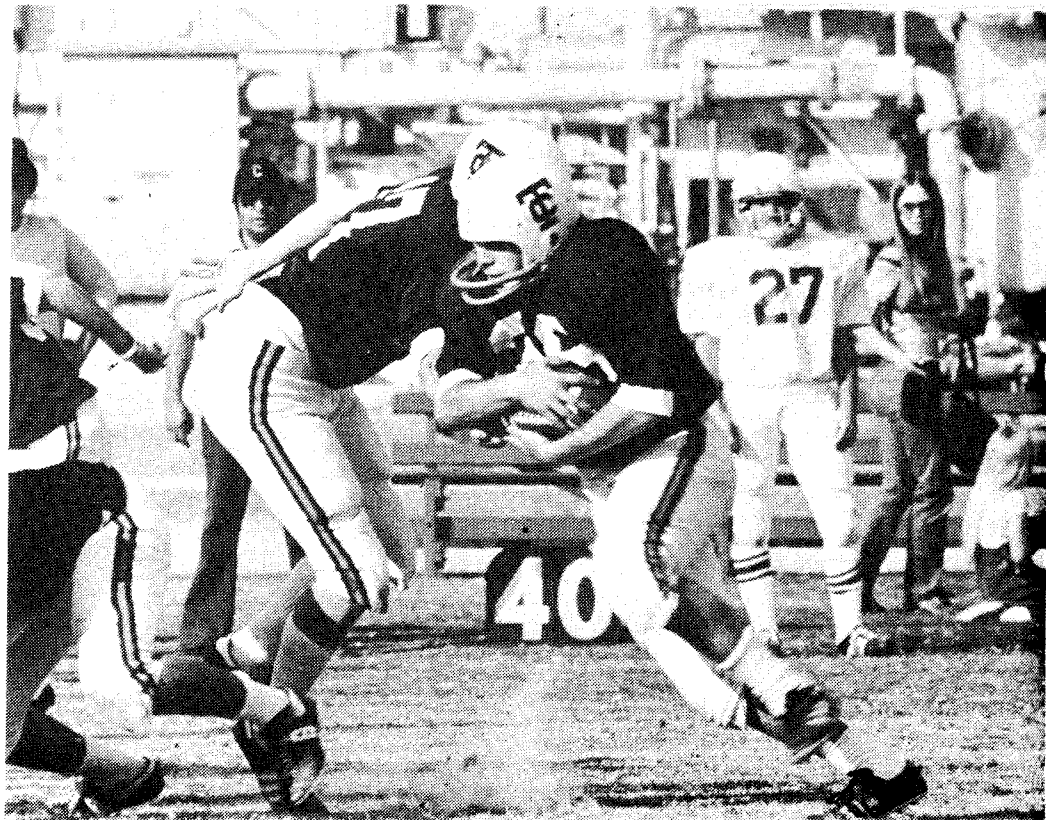
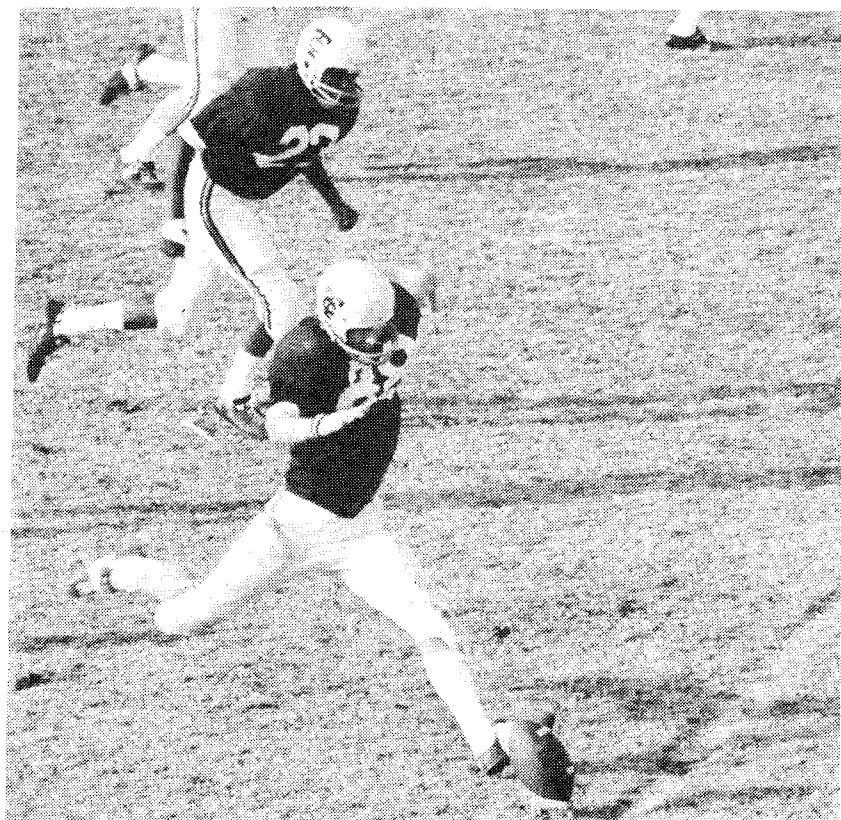
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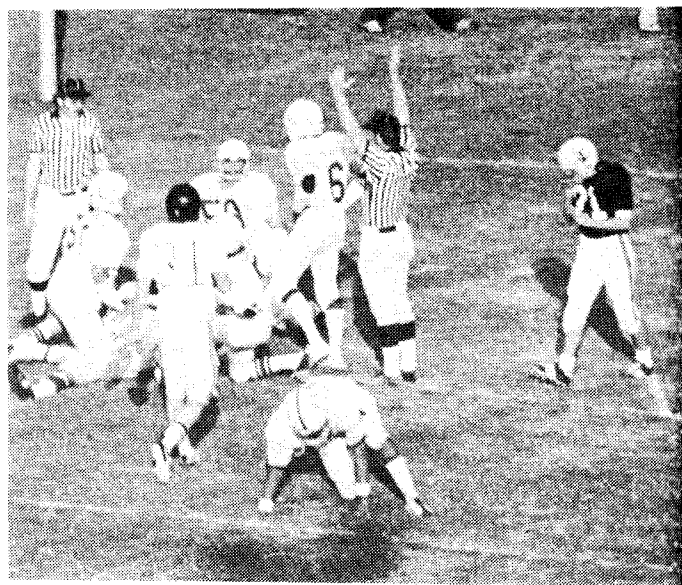
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Beavers Roll Colts For 2nd Time



In Friday's game, the Caltech Beavers once again proved their superiority by trampling the Glendale Colts 24-6. Friday's glorious moments were due to the excellent ball handling and footwork of the Caltech squad. At 1:30 this afternoon Caltech will make a final effort to supply the campus with a bonfire by trying to trounce LaVerne at Caltech gridiron.



Photos by
John Loo and
Yin Shih

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FOR SALE: Vivitar J-35 enlarger with lens, negative carrier, red filter, and lamp. Good for beginner. \$20 Call John, ext 1834

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