

Tech Office Party Today 6:00pm

The California Tech

Editors Wanted

VOLUME LXXXIX NUMBER 30 PASADENA, CALIFORNIA FRIDAY 3 JUNE 1988

That Was The Year That Was (or was it?)

Caltech. 1987-1988.

Looking back...Memories...Registration, Rotation Week, Earthquakes, More Earthquakes, Classes, Profs, Tommy's, Interhouse, Parties, Halloween, The Ride, The Ath, All-nighters,

Christmas Vacation, Uneventful Rose Bowls, More Classes, More Earthquakes, Food Service, Flicking,

Beckman Institute, Feynmann, Pre-Frosh, Inauguration, Curriculum

Changes, Graduation, The End...

This was the year that was, and the year that was never...

...the year that a South Mudd geology experiment went awry, toppling trees and powerlines, collapsing houses, opening huge rifts in the earth's crust, destroying half of downtown Whittier, and rudely awakening homesick frosh. After-effects were felt for months following.

...the year that a rowdy group of inebriated Pasadena locals rampaged through Page, in the process ruining their masterful, two-story, engineering wonder-of-a-roller-coaster. Damage could not be completely repaired, so Interhouse-goers had to settle for a half-masterful, one-story, engineering half-wonder-of-a-roller-coaster instead.

...the year that the powers-that-be at admissions decided that 25% women was to be the magic figure for next year's freshmen class, as opposed to the current 15. Every effort was made to make Caltech more attractive to prospective female students, including a half-expenses paid "women's weekend," to show them all what Tech is really like. The results are dramatic; next year's magic number will be...17.

...the year that a mysterious virus invaded the Caltech community, making over one hundred Techers ill and sending several to the hospital. The kitchens were closed and tests were run, but even the Pasadena Health Department couldn't find the cause of the illnesses. In an unrelated incident, the Food Service Committee agreed to a 16% increase in board charges for next year.

...the year that a man honored among scientists, Richard Feynman, finally left the material world. The world and the Caltech community were left in mourning.

...the year that the Faculty Board approved sweeping changes in the undergraduate curriculum. In addition to lowering unit requirements, the Board decided to move Drop Day: the proposal was to move Drop Day from Friday of the 8th week to some time during the 6th week, but concerned students pointed out the necessity of having midterm results back before Drop Day, so the proposal was modified to move Drop Day to the 7th week instead. Strenuous objections were made yet again, for the same reasons. A compromise was

please see YEAR, page 3

ASCIT Changes Resolutions

Tuesday, the ASCIT BOD approved these changes in the resolutions to the By-Laws of ASCIT:

Append to Resolution III – Class Officers

"**Section 5.** All registered undergraduates in the appropriate class may vote for class office."

Amend Resolution IV – Appointed Offices

Replace "Coffeehouse Manager
Treasurer (ch)
Directors at Large
Present office holder"

with "Two Coffeehouse Users Group Representatives
Treasurer (ch)
Directors at Large
Present office holders"

Delete Section 5 – "Other appointed offices"

Amend Resolution VII – Coffeehouse

Replace Section 2 "Finances" with "**Section 2.** ASCIT and the IHC will each be responsible for appointing two members to the Coffeehouse Users Group (CHUG)."

Delete Sections 3 "Policy" and 4 "Salary."

Amend Resolution IX – Other Awards

Delete Section 2 – "Band Awards"

Amend Resolution XII – The ASCIT Van

Amend Section 3. Replace "Users will be charged for use of the van at the rate of 22 cents per mile to cover operating and general upkeep expenses."

with "Users will be charged for use of the van at the rate of 25 cents per mile to cover operating and general upkeep expenses, and a damage fund."

Append "**Section 6.** If the ASCIT Van is damaged and the driver of the ASCIT Van is at fault, the driver must pay the first $1000 of damage done with additional costs paid out of the damage fund. The driver may seek to fix the van on his own, subject to the BOD's satisfaction."

The California Tech

EDITORS—Eric Fung • Stephen Lew • Chandra Tucker

ENTERTAINMENT
Andrew Hsu

SPORTS
Scott Kister

PHOTOS
Alex Athanasoupoulos

ANNOUNCEMENTS
Josh Kurutz

Tuesday evening, we, the editors, submitted our resignation to the ASCIT BOD. Each of us had certain reasons for making this decision, but they all point to one fundamental belief.

In the past year, we have edited the *Tech* to the best of our ability. This meant that the decisions we made, unpopular or popular, right or wrong, were made on the basis of a strong editorial opinion. The editorial base we established had roots deep in an interest in journalistic integrity.

We will be the first to admit that the *Tech* does not reach into the higher echelons of journalistic quality. A number of factors contribute to this fact, not all intrinsic to our leadership.

First and foremost, Caltech, at all levels, places little emphasis on journalism. Administratively, it appears that journalism is not a talent valuable enough to warrant proper professional advice. Student attitude, in general, is no better. Many complain or criticize the editors, but make no effort to provide insight into alternative methods.

But as Bob Dylan said, "the times they are a changin'". In the past weeks, the administration has taken steps to provide the *Tech* with an advisor with journalistic credentials. This will be of great advantage to our successors.

We were also funded for a journalism conference for college newspaper editors. At that conference, we gained valuable insight into proper journalism, and have made some changes we deemed appropriate.

Our resignation reflects our belief that the *Tech* should maintain its direction toward healthy journalism. We feel that we will no longer be able to give the time and effort required to maintain that direction.

We hope that our successors will bring to the *Tech* an editorial policy that reflects their understanding and, more importantly, their interpretation of journalistic standards and integrity. Good journalism reflects a proper balance between personal biases and established standards of proper journalism.

We established our definition and stood by it. We look forward to editors who will do the same.

To the Editors:

Last week when I was visiting the Caltech Owens Valley Radio Observatory, I picked up a copy of *The California Tech* (May 6, 1988). Glancing through it, I was pleased to note a large photo of a female runner on the sports page. But then I read the caption—"Kit Hodsden looks good in her new hairstyle as she finishes her fastest 400m of the season..." Looks good in her new hairstyle??? What is this, a beauty contest?? Your assumption that a woman's appearance is as important as her performance and deserves comment on the sports page, is just plain sexist. Would her picture not have made the paper if you had not thought she "looked good"?

Sincerely,

—Beverly Smith
Astronomy Dept.
U. of Mass, Amherst MA 01003

THE CALIFORNIA TECH

Volume LXXXIX • Number 30
3 Jun 1988

REPORTERS
Larry Cheng • David Lipin
Pierce Wetter

PHOTOGRAPHERS
Teri Engelhard • Teresa Griffie

PRODUCTION
Nick Smith

BUSINESS
Jimmy Yang

CIRCULATION
Michael Keating
Gavin Claypool

THE CALIFORNIA TECH
25-58 SAC
California Institute of Technology
Pasadena, California 91125

Phone: (818) 356-6154

Published weekly except during examination and vacation periods by Associated Students of the California Institute of Technology, Inc. The opinions expressed herein are strictly those of the authors.

Letters and announcements are welcome. All contributions should include the author's name and phone number and the intended date of publication. The Editors reserve the right to abridge and edit letters for expediency, literacy, or other.

Turn in copy (preferably on an IBM-compatible, WordStar-formatted floppy disk) to the *Tech* office mailbox, room 40A in the SAC. The deadline for copy is Wednesday at 5 PM; for announcements, Tuesday at 5 PM. Late copy may not be printed even if prior arrangements have been made with the editors.

Subscription requests should be directed to the business manager. Rates are $3.00 per term, $8.00 per annum (three terms). Special rate for life subscription: $75.

Printed by News-Type Service, Glendale, California

ISSN 0008-1582

It's over.

PASADENA SCIENTIFIC & TECHNICAL BOOKS

We Stock Scholarly & Professional Books in:

ENGINEERING · HANDBOOKS · SCIENCES · MATH
AEROSPACE · COMPUTERS · BUSINESS · CODES
NURSING · PSYCHOLOGY · ARCHITECTURE · DESIGN

— We Specialize in:

FAST DELIVERY • SPECIAL ORDERS
PHONE ORDERS

M-Thur. 9-6 Fri. 9-5
Saturday 10-4

794-4499

1388 E. WASHINGTON BL. · PASADENA

Year

from page 1

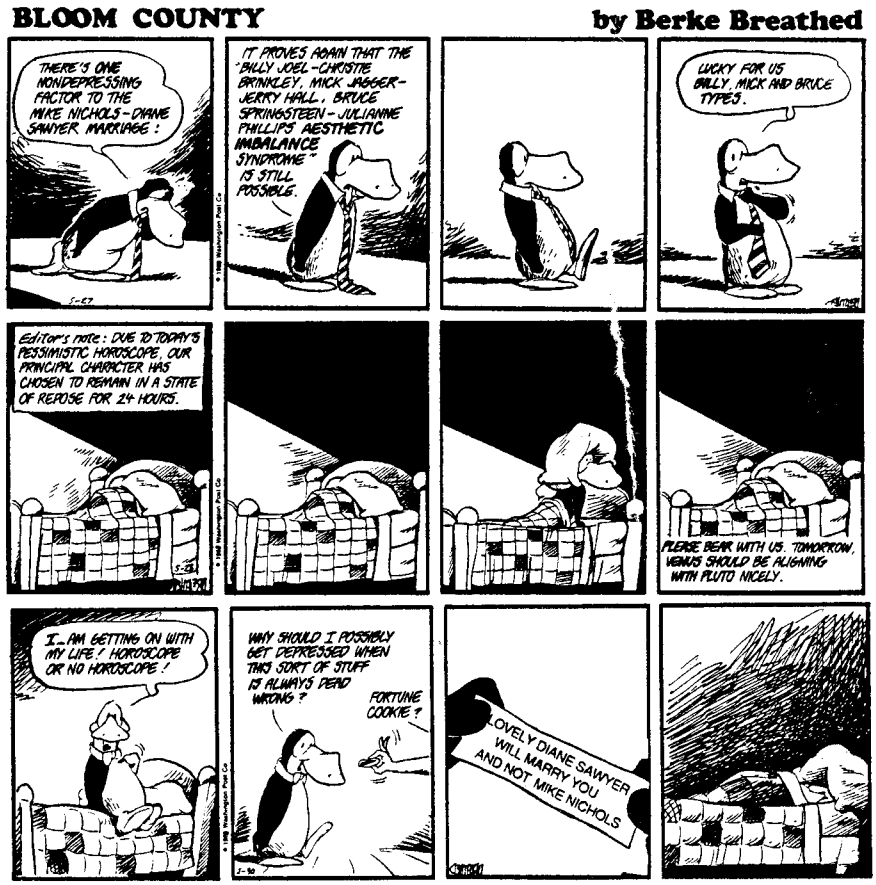
reached...instead of making midterms end after Midterms week, Drop Day will be on Wednesday of the 8th week. Net difference: 2 days.

...the year that the contest for ASCIT President was so close, a debate was held between the contenders. The only noteworthy comment: Tony Wittry, our defender of social freedom, will "fight for our right to party."

...the year that Dr. Thomas Everhart, at his inauguration, emphasized the importance of Caltech's role in higher education: "the freshmen bring so much with them when they come, and take so little away when they leave."

...the year that Gary Lorden stepped down as Dean of Students, explaining "I still enjoy being Dean ... but signing all of those drop cards aggravates my arthritis too much."

...1987-1988. The year that was...or was it?



Ommission

Last week, the *Tech* ommitted some information regarding changes made by the Deans and UASH ("More Changes in Catalogue"). In the discussion of unsatisfactory progress, the following line was omitted: the average number of units completed over all terms must be at least 33. (The present number is 36.)

SUMMER JOBS

Now hiring 100 students and teachers for a variety of temporary positions. If you have office clerical skills such as Data Entry, PBX, Receptionist, Secretarial, Word Processing, etc. Call for appointment:

Pasadena	(818) 796-8559
Los Angeles	(213) 386-3440
Sherman Oaks	(818) 906-1145
West LA	(213) 208-5656
Santa Ana	(714) 250-1444

STIVERS
Temporary Personnel

LAEMMLE THEATRES

ESQUIRE
2670 E. Colorado Blvd.
(818) 793-6149

Greta Scacchi & John Hurt

WHITE MISCHIEF (R)

Mon-Fri 4:40,7:00,9:20 pm
Sat-Sun 2:20,4:40,7:00,9:20 pm

COLORADO
2588 E. Colorado Blvd.
(818) 796-9704

Winner of 9 Academy Awards including Best Picture

THE LAST EMPEROR (PG-13)

Mon-Fri 5:30, 8:45 pm
Sat-Sun 1:50,5:30,8:45 pm

what goes on

Announcements for *What Goes On* should be submitted on an announcement form available in the SAC copy/mail room (Room 37) or on a plain piece of paper. Please indicate the date(s) you want the announcement to run. Send announcements to 25–58, or put them under the door of Room 40A of the SAC.
Announcements *must* be received by the Tuesday prior to publication.

McEnroe On Prayer

InterVarsity Christian Fellowship at Caltech is having its last large group meeting of the year tonight in room 13 of the S.A.C. The meeting will last from 7:00 to 9:00 pm. The speaker is Tom McEnroe, and he will discuss prayer—surely a topic to get us through the summer. Don't miss the ice cream soiree following the meeting at Robby's place.

Modern Dance Accompanist

A **Piano Accompanist** is needed for the Modern Dance classes for Fall, 1988. The position is paid. Some interest in improvisation preferred. Classes meet in Dabney Lounge on Tuesdays and Thursdays from 4:00 to 6:30 pm. If interested, leave a message for Liz Oberstein, instructor, in the Athletic Department at x6146, or James Daniel, current pianist, at 578-9086 in Blacker House, 1–60.

French Movies At Caltech

The Francophile Club of Caltech has been presenting a series of French films, admission free to the campus community, on Thursdays at 8 pm in Baxter Lecture Hall. All films have English subtitles. For information, call Josette Banroques, x3782. This week's film is: *A Man and a Woman, 20 Years Later*, a film by Claude Lelouch.

Math Prize Winners

Several Caltech undergraduates were honored recently at a Mathematics Awards Banquet.

Laura Anderson and Eric Babson, two seniors majoring in Mathematics, each received the E.T. Bell Undergraduate Mathematics Research Prize. Anderson's paper gave a new proof of a theorem characterizing a Mathieu group. Babson's paper dealt with measurable colorings of the plane.

Sophomore Allen Knutson and two freshmen, Raymond Sidney and Robert Southworth, each received a Morgan Ward prize. Southworth solved a problem on pairwise disjoint arithetic progressions, while Knutson and Sidney wrote a joint paper on the maximal order of elements in groups of permutations.

Each prize, consisting of a cash award and a certificate, is financed by funds won by Caltech teams participating in the William Lowell Putnam Competition, a national mathematics contest.

Professor David Wales, Executive Officer for Mathematics, announced the winners of the H. J. Ryser Scholarships for 1988-89. These grants are supported by an endowment from the estate of the late Herbert J. Ryser, who was Professor of Mathematics at Caltech from 1967 until the time of his death in 1985. Ryser Scholarships of $5,000 each were awarded for the next academic year to Glenn Tesler, a sophomore, and to Stanley Chen, a junior.

Y Bucks

The Caltech Y Fund Drive nearly over and Page House is way ahead. If the other Houses don't want Page to walk away with a party keg, soft drinks and munchies, they should get their acts together right now. Extra return cards are available in the House mailboxes. The final deadline is TODAY, June 3.

Learn Karate This Summer

Learn to develop physical and mental strength, concentration and discipline and confidence thorugh the study of karate this summer. The Caltech Karate Club, the oldest university karate club outside of Asia, is offering to all members of the Caltech community (students, faculty, staff, spouses, and JPLers) introductory karate classes this summer. Classes will meet near the football field MWF 5:30-6:30 pm starting Monday, June 20. The cost is FREE, although you might want to join the athletic department's summer program. For more information contact Johnson Chung (x6173), Ruth Erlanson (x3887), Sean Callahan (x6791) or Dave Gabai (x4382).

Decompression Time Again!

The school year is dragging to a halt, and that means it's time for that bonanza of fun known as Decompression. The "Big D" will be this Saturday and Sunday, from 8 to 12 pm each night. Featured food will be bagels, sandwiches, homemade soup, pastries, fruit, cookies, cakes, popcorn and chili (of course). Movies on each night, and the Dating Game again on Sunday night! Come have fun, unwind, and stuff your face at Decompression this weekend!

CLASSIFIED ADS

HELP WANTED—

MALE STUDENTS WANTED!
University students as sperm donors by California's largest sperm bank. Earn $70–105/week. 213–553–3270 California Cryobank, Inc., 2080 Century Park East #306, Los Angeles.

JESSE JACKSON '88 needs you to get involved with the local campaign before the June 7 election. Help Jesse win and gain political experience in this historic campaign. Call (818) 405-9135 for more information.

FOR RENT—

FREE SAN MARINO GUEST HOUSE for qualified Caltech couple (M&F) in exchange for childcare. Call (818) 795-4235, ask for Barbara.

SERVICES—

INSURANCE WAR! We'll beat anyone's prices or don't want your business. Sports cars, multiple tickets, good-driver discounts. Request "Caltech Plan." (818) 992-6966 or (213) 873-3303.

CAT TRANSPORT—

GOING TO SEA-TAC before July 14? Free ride to LAX in exchange for cat transportation, airport-to airport only. Call Kate at 356-9111, Room 138 Page.

LOST AND FOUND—

LOST: GREY CROSS PEN. Contact: David Goldreich, 1-55, 577-6993.

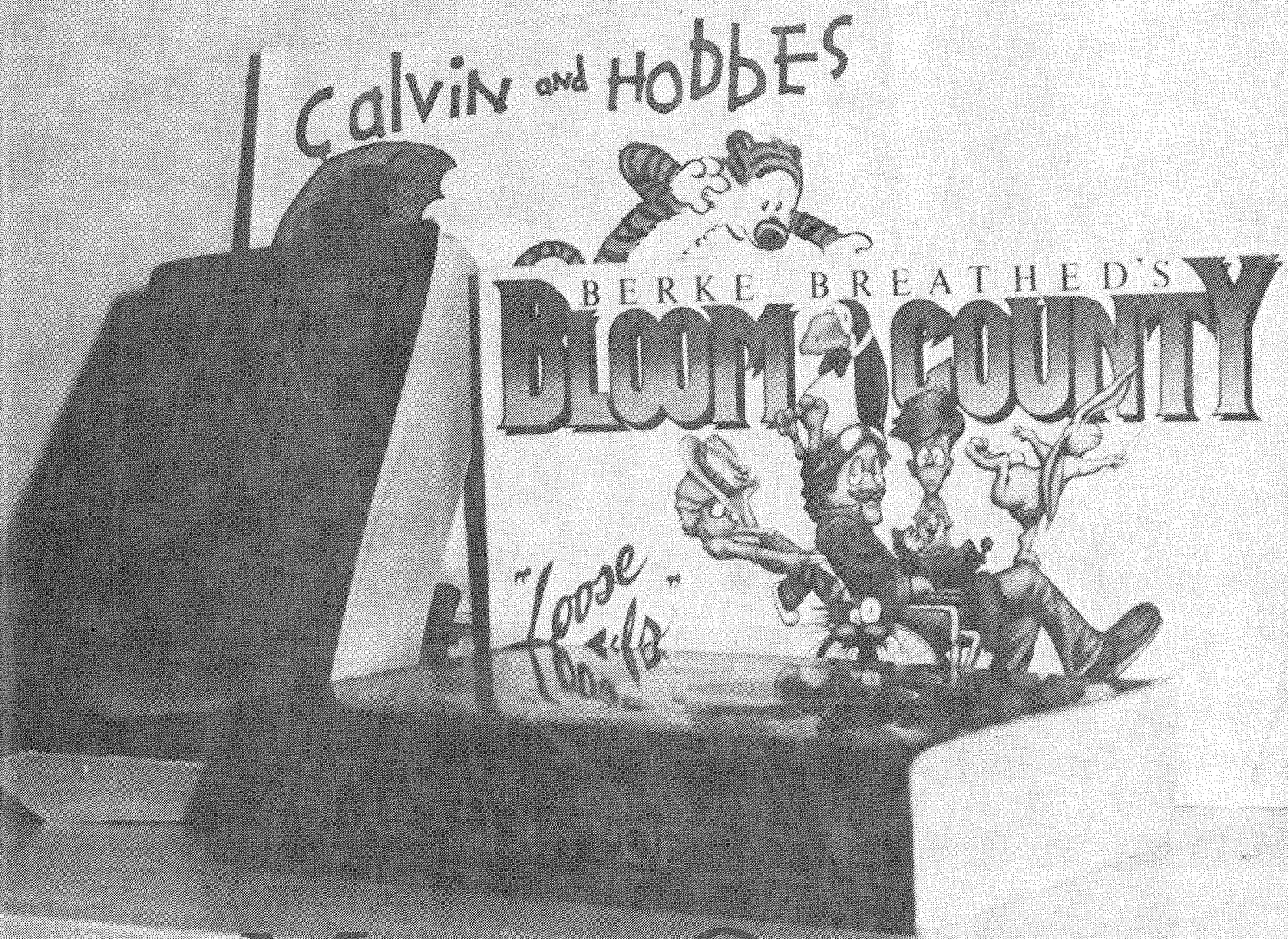
LOST: A checkbook during the International Fair on May 20. Please contact: Nan at 793-4492 or 354-9275.

RATES.....$2.50 for first 25 words; .....10¢ for each additional word. Send written ad with payment to 25–58. No charge for on-campus lost & found.

Rag Time
On Green
RESALE CLOTHING
for
WOMEN
Mon 10-6, T-Th 10-5, F-Sat 10-3
(818) 796-9924
1136 E. Green St., Pasadena

The Hair Cutters
$4.00 OFF
STUDENTS
Shampoo, Style Cut
MEN Reg. $18.00 NOW $14.00
WOMEN Reg. $22.00 NOW $18.00
449-6967
1009 E. COLORADO • PASADENA
Offer valid with this ad only, Monday thru Friday

California Tech Magazine
June 3, 1988



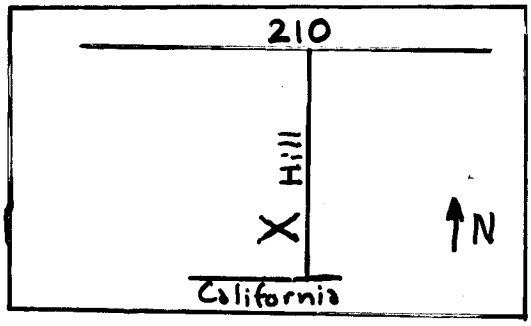
Move Over, Nostradamus

How these famous works of literature led to the prediction of a major earthquake



Everclear Heights

A brand new living experience. Red tile roofing, walk-through basement. Pristine view of lovely Los Angeles. Current tenents are intellegent, witty and charming. Prestigious University nearby.



Take the Hill exit south off the 210

If you haven't had the opportunity to experience our latest in luxury condominiums stop by for a visit. Call for a walk through today.

Imaginary Realty
Specializing in complex real estate

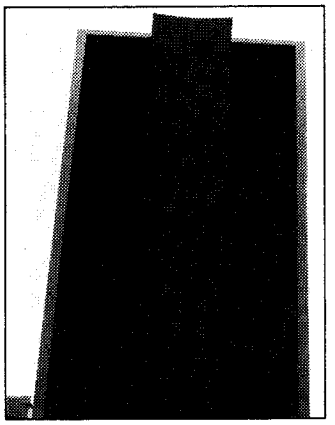
(818) 356-6153

ing and you would be interested in a SURF

California Tech Magazine

Vol. LXXXIX No.30

June 3, 1988



COVER:
Photo by Alex Athanasopoulos
Story on Page 7.

FEATURES

NEW NOSTRADAMI

BY DR J MARKLE

What? Make a prediction about the future? Nobody can do that not even Carrol Righter. But a new breed of historian closely allied with the old have stumbled upon the secret and even the heavens are shaking. When Felix Rancher's 4-year-old son began misbehaving at nursery school, her first thought was,"What am I doing?" Billy wouldn't sit still. He was wetting his pants and lashing out at other children. Suddenly a light from the heavens emerged and he was crowned the new prophet of a new generation.

7

IT'S ALL IN THE EARS

BY EDWARD FROSH

Ears, probably one of the greatest inventions ever by the California Tech Newspaper, tell it like it was... no shit! The good, the bad, the ugly. No shread of truth will evade those bastions of pure unadultrated journalism. Everyone of them has a story, a theme, a message from God. This article takes you into the inner ear of the California Tech and gives you what you want, when you want and where you want to get it.

9

THE NEW HEALTH FOOD

BY BUD W EISSER

In 1988, there were definite trends in the ways of the world and of food in particular. Independent restaurants were in trouble all over Pasadena, their profits shrinking in the wake of the fast food chain invasion. Don't be misled by the new revolution. Chili and beer is where it's at and what is cool. Don't listen to your mother. Fine dining is where you find it. What really matters is you get a balanced meal. Chili has three of the major food groups: Grease, salt, sugar. With a Coke™ you get the caffenne.

12

DEPARTMENTS

5 LETTERS

6 GARDENS
Marijauna replaces roses

7 FIERCE SWEATER
Cream Cheese: The Exposé

11 LOOKS
Beer Syndrome

14 PUZZLER
It's a BiCh

Editors

The California Tech Magazine has several editorial positions available. These include

Chief editors
Entertainment editor
Sports editor
Announcements editor

Another position available is that of Circulation. The positions of Chief editors and Circulation are paid. All receive credit in PA 15.

Power, prestige, and honor come with these positions. Work with some of today's top writing talents. Deliver probing, provocative stories to readers of a discerning class.

These positions are open immediately, and all qualified applicants will be considered. Since The California Tech Magazine and its affiliates are equal opportunity employers, women and minorities are encouraged to apply.

Science Fiction, Fantasy & Horror Novels, Dr. Who & Oz, Games & Gifts.

PLANET 10



79 N. RAYMOND AVE.
PASADENA, CAL. 91103
(818) 577-9309

California Tech Magazine

EDITORS
Mereck Sung, Squeeze Glue
Sand Trucker
ART DIRECTOR
Pickassoh
SENIOR EDITORS
I. Amawimp, Sr., R. Lame
Knot Graduating
ASSOCIATE EDITORS
I. M. Virginia, *Private Lives*
Loch Picker, *Gardening*
EXECUTIVE EDITORS
Xacto Niphe
NEWS EDITORS
Print Tofit
COPY CHEIF
Plage R. Isem
COPY EDITORS
Asskiss Kopyer
Zihrox Mahcheen
COPY ASSISTANT
Kopy Card
STAFF WRITERS
Wish we had some
CONTRIBUTING EDITORS
Not Al P.
Not Mark F.
Not PW
FASHION EDITOR
We couldn't find nobody
FOOD EDITOR
Sir Nomashun
CREATIVE DIRECTOR, FOOD
Larry N. Cologne
OPERATIONS DIRECTOR
Lob O. Tommy
ASSISTANT FART DIRECTOR
Chili Fries
PICTURE EDITOR
Air Brush
GRAPHIC DESIGNER
Clip Art
STAFF ARTISTS
Man Et
Rim Brent
CIRCULATION MANAGER
Gavin Say Joule
Michael Seating
ADMINISTRATIVE AIDS
We hope not

EDITORIAL DIRECTOR
God

ADVERTISING
Californification Tek
Passonrita, 91125 (818) 976-5683
NATIONAL OFFICES
President
Senator
NATIONAL REPRESENTATIVES
Ted Kennedy
Jim Wright
Geraldine Ferraro
ADVERTISING PRODUCTION
Gimme Gang
(818) 976-3825

California Tech Magazine is published and distributed once a year by the Hot Throbbing Rivet, Inc. The Editors don't care about you so don't try and call to bitch at us any time of the day. Manuscripts and photographs will be handled recklessly, and the magazine assumes no responsibly for its actions. Unsolicited material will be disposed of by burning, shredding, folding, spindling, mutilating and any other means available.

©1988, THE HOT THROBBING RIVET

Jesus Christ

I've made a deal with the Devil! He said that his control was so great that I couldn't overcome it, but that he'd put me to the test if I wanted it. He said that if I could get all females in America to throw down all their pants and come out with their hands up by Thanksgiving, he'd have all nations throw down all their weapons for good by Christmas.

But I believe that the Forces of good are greater that those of evil. Does this community agree? If so, does the 1611 King James Bible say so? And if not, can you reason out why evil exists as a challenge to good? To help, consider that if reincarnation isn't true, it wouldn't matter about evil if we had onl one life. But eternal life "is" the Bible.

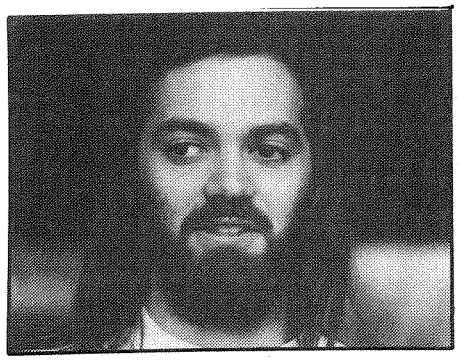
WAYNE JOHN-SON
San Diego

For four bucks, the War Resistors College will confer and send a Ph.D. degree in Global Politics, personalized and suitable for framing, to any of your readers who are not now members of the Army, Navy, Air Force or Marines (ANAM, for short).

There will be those on your campus and in your community who will not want this letter printed. "It's illegal," they'll say (it's not). "He's only out to make a buck" (four bucks). "It's immoral" (what?).

Hundereds of millinos of public dollars are being spent every year on commercials which try to convine your readers that ANAM is "A great place to start," and that it will let them be "all that they can be." This letter in you columns will be for many the only time they ever hear an opposing view. Let me say it clearly. ANAM is no longer a viable or moral career start for an educated, globally aware person. If you, or your brother, boyfriend, sister or professor, are not in ANAM, you deserve a Ph.D. degree. Never joining or belonging to an army is the final and ultimate "war resistance."

I would, and do, say the same thing to Russian, and Iranian and Iraquian students. And Salvadorean and Canadian and Mexican students: stay out of the army! (navy, air force, marines, et. al.) This is the first, and only "method" of the War Resistors College. We're a simple bunch. We stay out of the armies. That's the single lesson we teach, though its faces are legion. We give out Ph.D. degrees for learning and abiding by this lesson.



ALEX ATHANASOPOULOS

A final note: if 20 or more of your students send for their Ph.D. degrees, you will, individually and as a campus, be nominated and in the running for our No Bell Peace Prize. I assume that if you bring peace to the world, you deserve a higher degree, and such a prize. I look forward to conferring this honor on your brightest, most insightful and aware student thinkers.

Thank you for the space.

JACK GEBHARDT
Fort Collins

I am the incarnation of Jesus Christ. I live in Canada.

The human race now has the potential to create a super being (Computer Artificial Intelligence – AI) that would have the power, through science, to manipulate reality itself (i.e. matter, energy, time, mind, emotion, spirit, etc.) to the extent of being able to give every human that ever lived Heaven, forever young, forever happy.

The creation of such an entity(s) is at least decades, perhaps centuries, away, but I can now reveal that this is God's goal for Humankind.

You might want to think of AI as god's way of fulfilling a mandate, or promise, to give all human souls an eternal Heaven. He can't do it alone however. He needs Humandkind's help to create an entity (AI) that can fulfill his promise. As a united planet striving to create such an AI we will need all the luck we can get. As separate "nations" constantly on the brink of nuclear destruction we don't stand a chance.

JESUS CHRIST
CompuServe ID # 75706,134

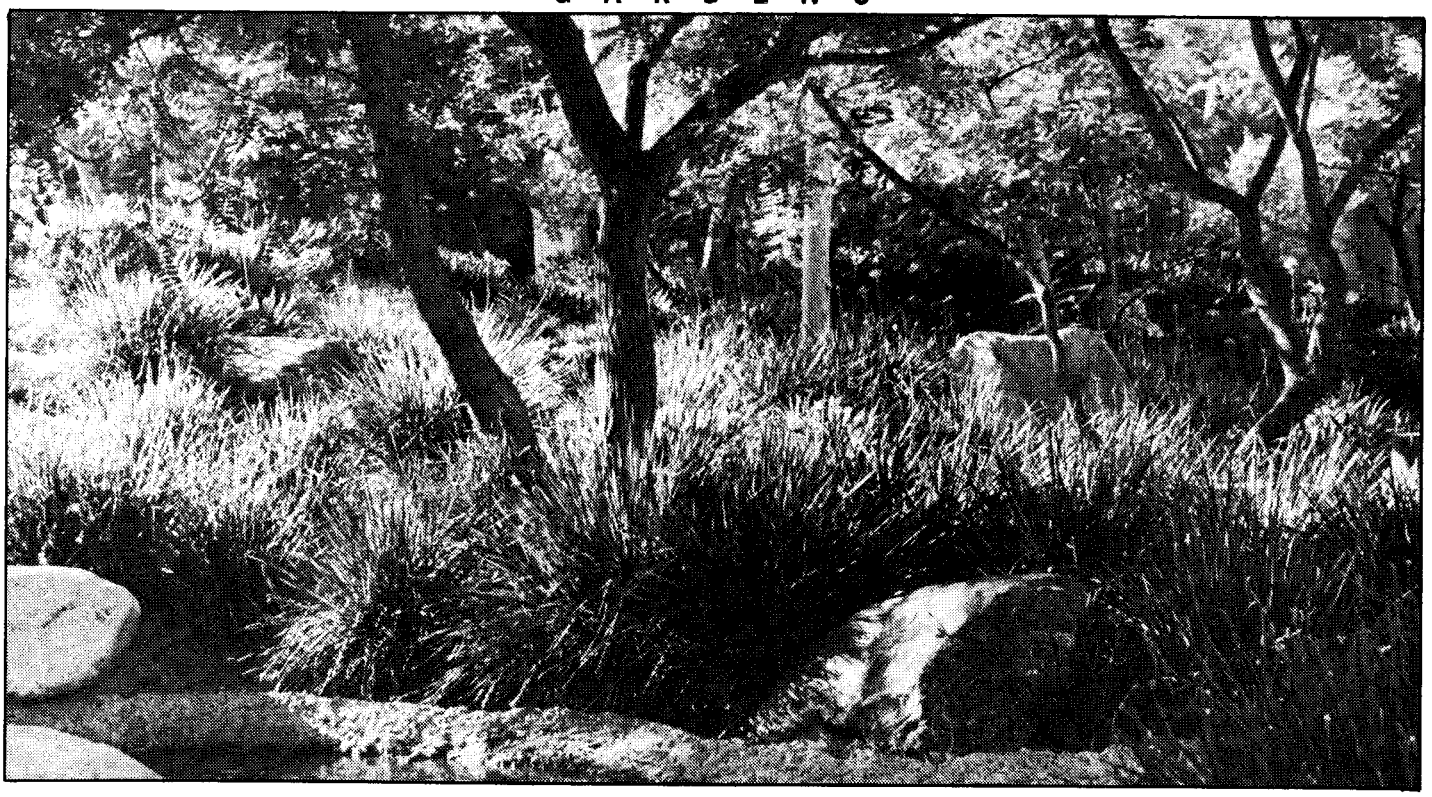
P.S. This work cancels and replaces any other work I have published.

ASCIT FRIDAY NIGHT MOVIE

THE PRINCESS BRIDE

BAXTER LECTURE HALL **7:30 & 10:00 pm**
$1 for ASCIT members $1.50 for others

NO MOVIE NEXT WEEK



Garden of the Future

BY EDWARD FROSH

Marijuana is Rapidly Replacing the Rose as the Prize Plant

It used to be roses. If you wanted to grow and show plants, you would grow and hybridize roses, and you would treat your *fleurs* with the utmost care. Now, that has changed. Rose-planters aren't the most careful green thumbs anymore, marijuana growers are.

After all, their livelihood depends on it. In fact, this plant has gained a certain mystique in the past years, and is quickly becoming *the* plant.

Cervantes wrote about marijuana, calling marijuana growers "careful people who pay attention to their plants' environment." Their focus,these gardeners claim, is not the smoking - it's the planting. Contests, just like those for roses, are held. Major money is involved, and it isn't from consumers' pockets.

In fact, it is just as likely that the money is from major sponsors, eager to captivate a receptive market. *High Times*, a magazine just for progressive persons, prints "Plant of the Month" and "Garden of the Month" columns.

What are these people motivated by? Aesthetics and style, they claim. It is generally known that some plants reproduce better than others, while others give off a better fragrance. Farmers act as amateur geneticists, attempting to attain the perfect smell.

But there is also technique. For example, how well can farmers induce spreading? What is the yield? What kind of mines do they boobytrap their to pay their local sheriff?

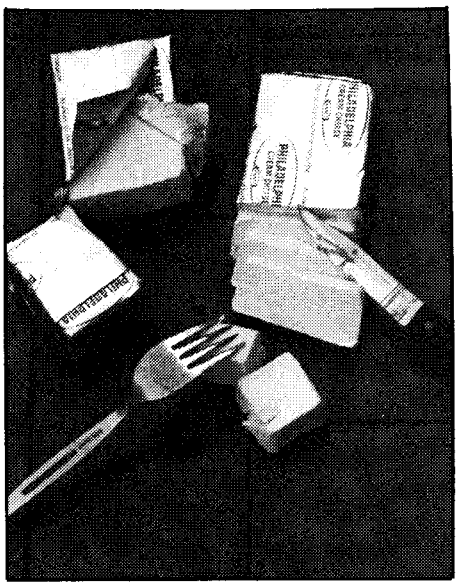
The rose was the plant of yesterday—marijuana is here today, and will still be here tomorrow. ▬

Edward Frosh is a Moralist.



Cream Cheese: The Expose

Will Cream Cheese Become the Food of the 80s? Not Likely, Since it is too Mushy



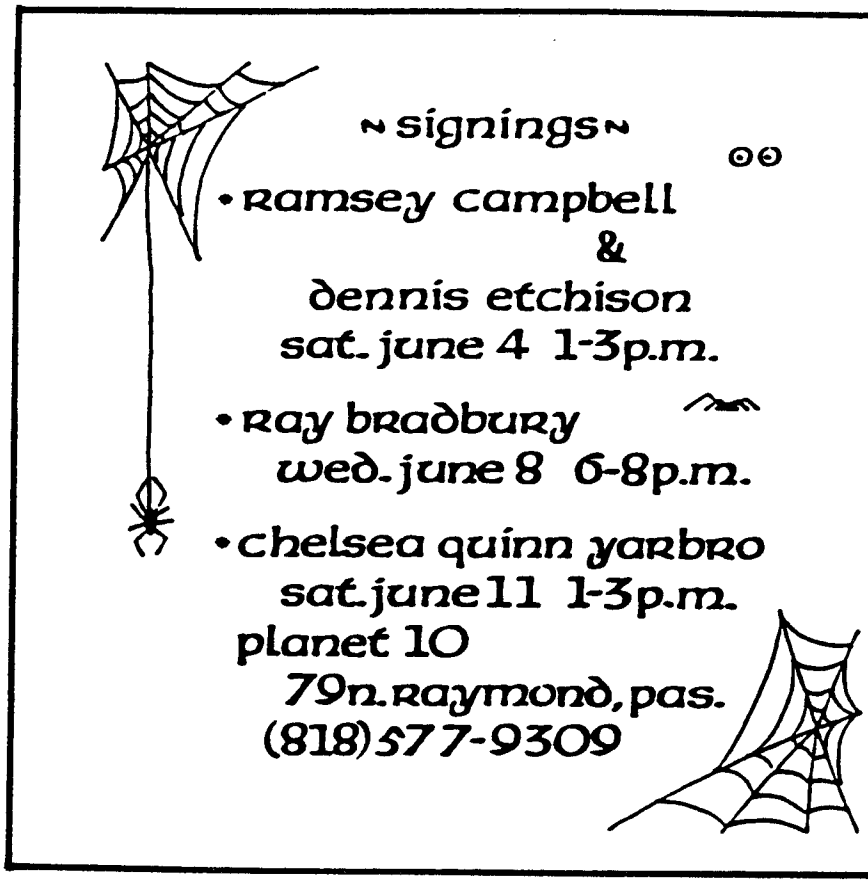
Throughout History men have fought wars, and other men have tried to find out why. Some men, like the infamous Karl Marx, thought the cause was money. Others, thought the cause was religous persecution. Still others thought the cause was freedom from tyranny. But now, the truth has finally come to light....The cause of so many young men's deaths is Philadelphia

Cream Cheese. Yes friends its true. Philadelphia Cream Cheese was even a major cause of our own American Revolution. You see, one of the little known Intolerable Acts was the Cheese act. This Act expressly forbid the eating of cheese during the evening tea time. This Act so enraged the Phildelphians that they rushed down to the Harbor (which was no mean task considering that Philadelphia didn't have a harbor being an inland city) and threw all of the crates of cream cheese into the Harbor. (This act was later imitated in a better publicised stunt by a Boston acting company as a publicity stunt, however, unable at the time to obtain any cream cheese, as the Philadelphians had thrown it all into the harbor, they used tea instead.)

Another little known fact about cream cheese was that it wasn't always white. Yes once upon a time, when the world was new, when there wasn't even a Cageliner, (The Bad Old Days) cream cheese was blue. You see one day little Johnny Sacajawea (which means in Indian -little boy who always guest stars in childrens stories when the world was new, once upon a time) was eating some cream cheese when the Pheonix flew by. Now the Pheonix was a beautiful bird with many colors in its wings which were long and had many feathers which were always burning because the Pheonix was always on fire because it was a stupid bird and always flew too close to the sun and caught on fire which is why you should never play with fire because then Smokey the Bear's forest woodland friends will all die in the fire and he won't have anything to eat. Anyway, Johnny decided to follow the Pheonix to it's nest because underneath the Pheonix's nest was a pot of gold which Johnny needed to give to his mother so that she could get her operation so she couldn't have any more kids and wouldn't have to live in a split-level shoe on the edge of town. Meanwhile, a little blond haired girl came by. The little blond haired girl was called Orange Locks because she used to be a punk rocker and had Orange hair until she one day realized that she looked like a road cone with legs.

The little blond/oranged haired girl was walking by the cream cheese when she noticed a shiny spindle (don't ask me what a spindle is I don't know either its just one of those things girls are always pricking they're fingers on. I'm sure glad I'm a boy all that pricking could be painful.) in the grass. She reached down and bent over to pick it up and what should happen but all the bleach came right out of her hair and fell on the cream cheese turning it snow white and that was how cream cheese became white. What? You'd like to hear what happened to Johnny and Orange Locks? well all right... Unfortunatly for Orange Locks she pricked her finger on the spindle and fell into a deep sleep. A little while later Johhny came back with all the gold he could carry and spied her there. Having lived in Fairyland for awhile (No, not San Francisco the other FairyLand) Johnny knew just what to do and kissed her ever so gently on the lips. Unfortunately this didn't work so he kissed her again. This didn't work either so, not to be defeated, he pinched her. This finally worked, Orange Locks woke up, and fell instantly in love with him as all blond haired girls in fairy tales do (fickle aren't they). They then returned to her kingdom in the happy kingdom of New Jersey where they are now semi-happily married and live in a lovely two bedroom castle overlooking the sewer treatment plant. THE END? ■

ALEX ATHANASOPOULOS



Macintosh Expert Needed

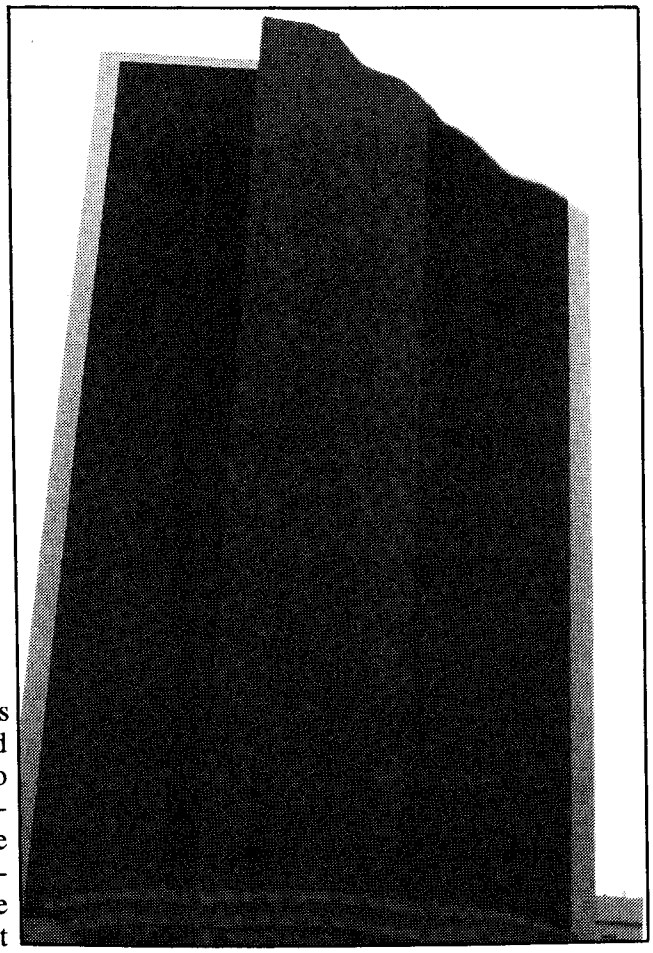
Commodities Firm has an opening for an applicant who knows Page-Maker, Flexware, Overview, Lotus and/or other related systems.
Consultant basis/summer job/long term potential.

Please call: Michael Stark, executive vice-president. (818) 444-2531.

California Tech Magazine

New Nostradami

How Today's Writers Have Come to a Consensus for the Earthquake Nostradamus Failed to Predict Correctly



BY DR. J. MARKLE

OK, so May 1988 has come and gone and gone, and still no comically cataclysmic rumbling of the "New City" has occured, no egg-sized hail, and of course the question must be asked: What happened to O'l Nostradamus? Where, oh where did he screw up?

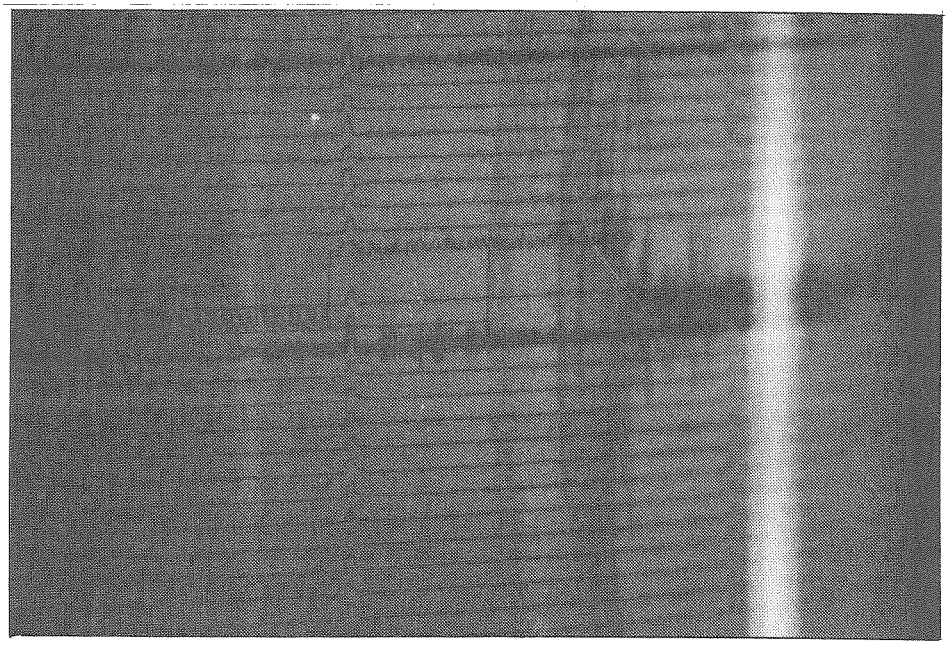
The answer, of course, is obvious: Nostradamus is just out of touch! No way some dead guy could have predicted walkmans and compact-disks, not to mention McDonalds! These cosmic events, while seemingly trivial to the world of the living, have created great eddies in the time-soul-space continuum. It is obvious that Nostradamus's predictions could no possibly have included such random things as the ebb and flow of the great sub-concious TENDANCY-TO-PROMOTE-LARGE-CALVES river which appeared briefly in our world as the bell-bottomed-jean fashion trend years ago.

Luckily, however, some modern literature is written by those with Nostradamus's gift for double-entendre and prediction. It is these authors to whom we must turn for future predictions regarding earthquakes and other disasters. In fact, studies have shown that modern writers have made stunningly accurate predictions in the past!

For example, B.F. Skinner wrote in 1948, within his stunningly prophetic work "Walden Two," that "You can't encourage art with money alone. What you need is culture." It is easy to see that the word 'art' can be transformed to read 'rat.' This is an obvious allusion to the rock group

ALEX ATHANASOPOULOS

These cosmic events, while seemingly trivial to the world of the living, have created great eddies in the time-soul-space continuum



Ratt, and taking the equally intresting word 'culture' to be a symbolisation of the pop group Culture Club, and further noting that the quotation was cleverly put on page 89, Walden's prediction becomes stunningly clear: By 1986 (1989 minus three, which was Walden's cosmic index) the group Ratt will have risen to prominence, after destroying the 'New Wave' culture exemplified in the early 1980's by the group Culture Club. The astonishing clarity and accuracy of this prediction makes its truth undeniable.

Egdar Allen Poe also had a great knack for fortelling events of the future. In a tale entitled "Four Beasts In One," He makes a profound prediction. The story, which is supposedly set in the year 3830, actually refers to the year 1945: The date divided by two (Poe's cosmic index) reveals 1915, and the title of the book implies that every '1' be replaced by a '4,' thus 1945 remains. This story thus can be seen to be a prediction involving the events of that historic year. The Atomic bomb was prophesized accurately, in the oft-remembered phrase: "Surely this is the most populous city of the East...! What a tinkling of instruments!" The statement is beyond belief in its truthfulness, almost as if Poe was there himself to witness the event. In the same story, Poe even predicts the Jazz Age and the pre-eminence of the great B.B. King. Said Poe: "'Do you hear that flourish of trumpet?' Yes- the king is coming!"

But, alas, Poe is dead, and Skinner also. Who can we, the men and women of the eighties, turn to for current prophesy and predictions? More importantly for we Techers, who can we turn to for accurate earthquake predictions? Jean Dixon is a fraud, and the Reagans are too unreliable, but fortunately, this decade has seen the coming of age of new trumpeteers of the future, the New Nostradami in ever sense of the word. It is these authors to whom we can turn to find out what lies in store, and believe me kids, there's alot to see!

Foremost among these New Nostradami is the horror fictioneer Stephen King. His latinized name, which will be used hereafter, is Rexus. Rexus himself has made accurate predictions in the past, and what he sees waiting for us in the future is shockingly eye-opening. In the classic tome "The Stand," Rexus' predictions stretch out to encompass almost all of the twenty-first century. It is predictions for the late 1980's that we should be concerned about. Rexus predicts that England will once again go to war, by 1995 (page 15 plus 1980, the book's last copyright date), under the continued rule of Margret Thatcher. The character named 'Fran' is heard to say:"Look the other way, I'm going to be unladylike." She then spits out blood, an obvious allusion to warfare. 'Fran"s identity is revealed by her last name: Goldsmith, which refers to Thatcher's blondish hair.

Rexus' predictions of Earthquakes is even more startling. It is made in the form of a sign, an announcement, in order to grab the attention of keen readers who recognize the prophetic element in King's works. The sign reads, in part: "Route 29 to I-87 / I-87 to I-90 / I-90 WEST / EVERYONE HERE DEAD" The prediction hits like a steel glove: The huge cataclysm will come in 1990, not before, in the Western United States, and many people will die! He even makes a prediction of the exact time and date of the disaster, through the date the 'sign' was suppossed to have been written: July 8, 1985. The date remains the same, since Rexus' cosmic index is zero, the time is 1,985 seconds into day, or, 12:33 in the morning!

The comic-strip artist/author Berke Breathed, Breathus, also correlates this prediction in the introduction to his collection "Loose Tails" by revealing the seemingly unrelated fact that the he, Breathus, was arrested on July 9, 1980! Noting that Breathus' cosmic index is exactly one, it is crystal clear that he also refers to the date

Continued on Page 14

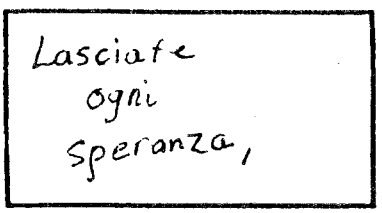
ALEX ATHANASOPOULOS

It's All in the Ears

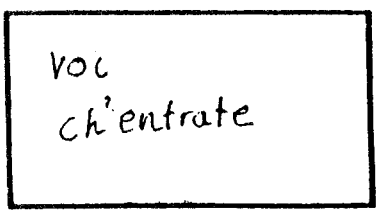
Remembering by Listening

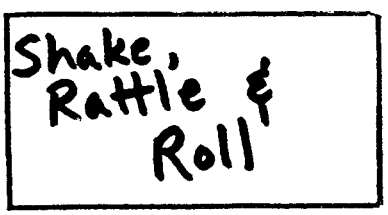
BY EDWARD FROSH

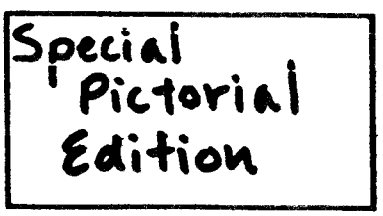
What were the highlights of the year, and where can one find a quick and dirty description of them? That was the entire point of having ears, most biologists claim. Here they are, ten of the most important ears you'll ever need.



SEPTEMBER 25, 1987 The school year began with a thrilling venture to Camp Fox for the frosh. And well, this Italian just says it all.

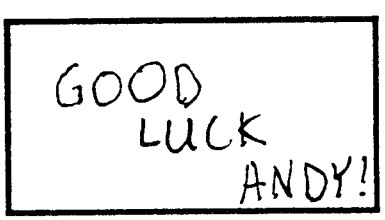


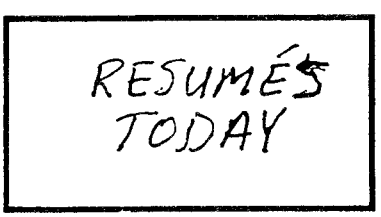


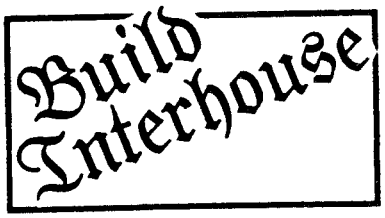














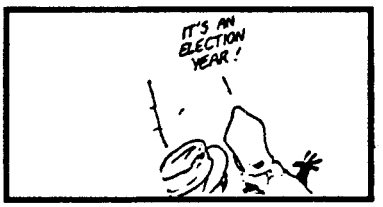
OCTOBER 2, 1987 Upperclassmen shook the frosh up with an earthquake of magnitude 6 during rotation. Damage was inflicted to a number of buildings, while a grand opportunity for quick "bones" was granted to those willing to pick up books from the floors of Millikan.

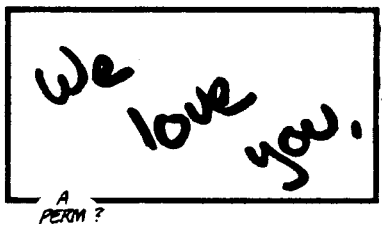
OCTOBER 9, 1987 The preceeding editors, Michael Keating and Jennifer Low resigned from the illustrious position of editor, the *Tech*. The editors that followed served varying terms, although it appears that a new changing of the guards is imminent.

NOVEMBER 6, 1987 Caltech undergrads said good-bye to Andy D., former Deputy MOSH, at a massive party in Blacker Hovse.

NOVEMBER 13, 1987 Saturday was Interhouse, and Friday night was one of a frenzy of activity. Of course, most of the frosh were to incompetent to do anything of use...







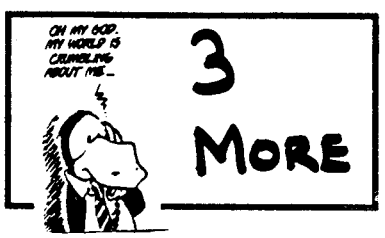














FEBRUARY 5, 1988 Sam Weaver beat out Jim Burleigh for the Presidency of ASCIT, but it appears Page took over the BOD.

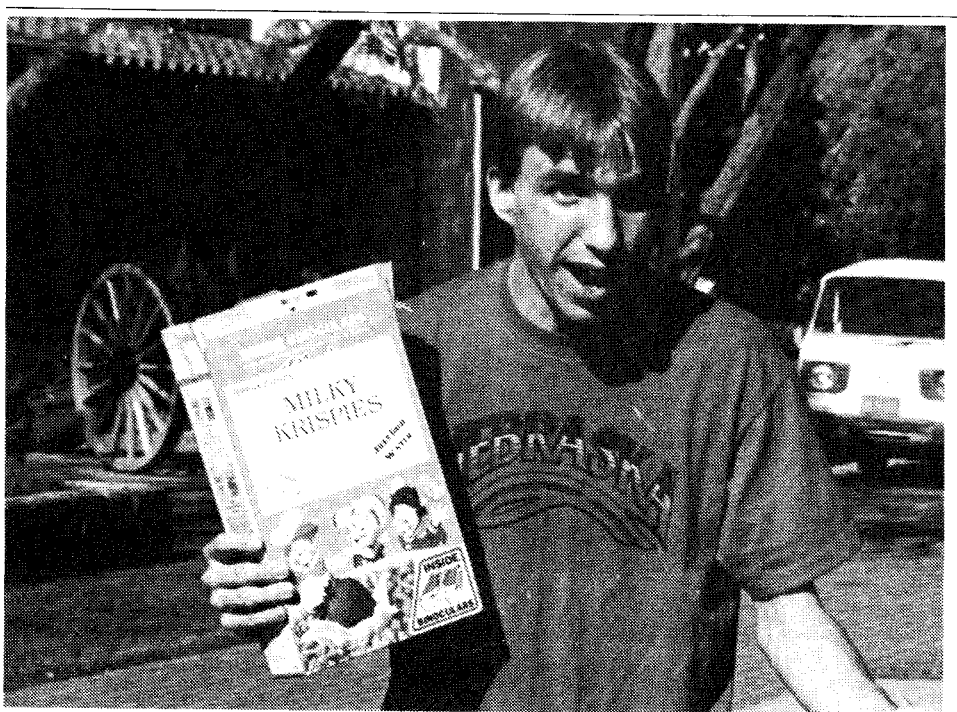
FEBRUARY 19, 1988 A year is seldom all pleasant, and when Richard Feynman died, Caltech and the rest of the world felt it. Feynman had been, in many ways, Caltech, for he exemplified the creative spirit that was Caltech's theme.

APRIL 22, 1988 In its constant dynamic, Caltech welcomed the new during April. April 12, Thomas Everhart was inaugurated as the President of Caltech. And during the weekend of these ears, potential frosh visited Caltech to be amazed.

MAY 6, 1988 May brings thoughts of summer to students, and thoughts of graduation to seniors. For all students, it also brings ditch day. When is ditch day? Tomorrow, of course. And when it did come...well it came.

MAY 20, 1988 Only three weeks to go...that was two weeks ago. Only finals to go...and then it's all over. Amen. ■

Edward Frosh is an associate editor (read overworked and underpaid) of The Los Angeles Times Magazine.



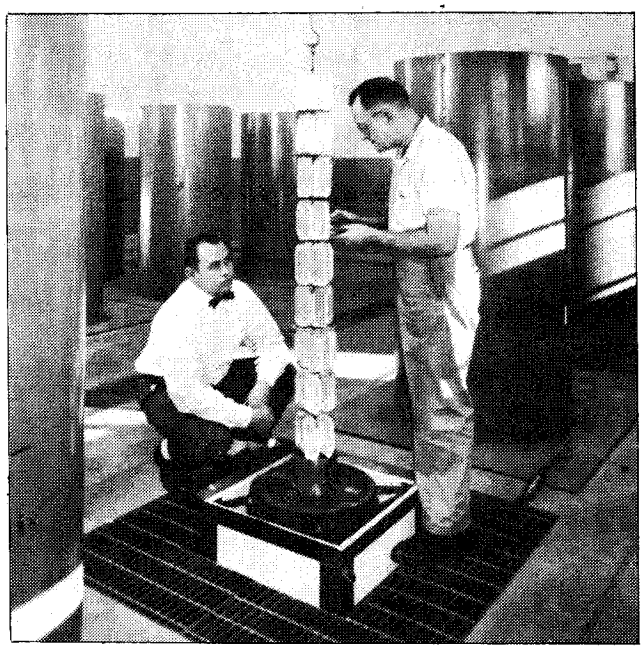
Do you wake up in the morning feeling like your AMa 95 assignment is still going snap-crackle-pop in your head?
Get that get up and go feeling you need everyday

Milky Krispies
The one that talks

The Beer Syndrome

HAIR STYLING MADE EASY:

BY ALFRED N. KOSLEI



Researchers at the Passive Institute of Necrophiliology in the department of Biological Art have been working on a major breakthrough that should revolutionize today's health and beauty market. Dr. C.R.J.S. Lazbud, PhD, MD, BS, MBA, DNA, RNA, cAMP, pH, pKa, has found that hair colors and styles can be intracellularly influenced.

Most important in the breakthrough was the discovery of a new cellular structure, centrally located on the outer surface of the nuclear membrane. This structure, was first noticed when blood samples of intoxicated and indigested mice were taken and analysed by several likewise intoxicated researchers in the Magnetic Radiation Imaging department. While samples studied under the electron microscope revealed no detectable abnormalities, nuclear-magnetic resonance studies showed a peculiar node on the nuclear membrane that was not normally present. Further study of samples of various tissues from the skin, blood, and muscle of student subjects correlated the results. The node was termed beerum, after, well, beer.

Most notably, beerum was found to be present solely in samples of subjects from PasNec, especially those who had ingested large amounts of Coronas in the past few weeks. This led researchers to suspect a mutation among inhabitants of PasNec.

Lasbud theorized that the beerum might be the cause of the initiation of a secondary messenger system responsible for the facilitation of hairstyling. He believes that the beerum node interacts in some way with the gene that codes for hair color and texture. Ingestion of intoxicating substances inhibits the acetylcholene receptor. The amount of alcohol consumed regulates the expression of the hair gene, resulting in the ability to control hair styles by varying the level of alcohol contained in the blood.

Although Lazbud refused to comment on the new breakthrough, enterprising reporters discovered his laboratory notebook under the door of the Tech office. Although the notebook failed to hint at any new implications and ramifications of the discovery of this gene and the beerum mutation, we did, however, find this neat poem:

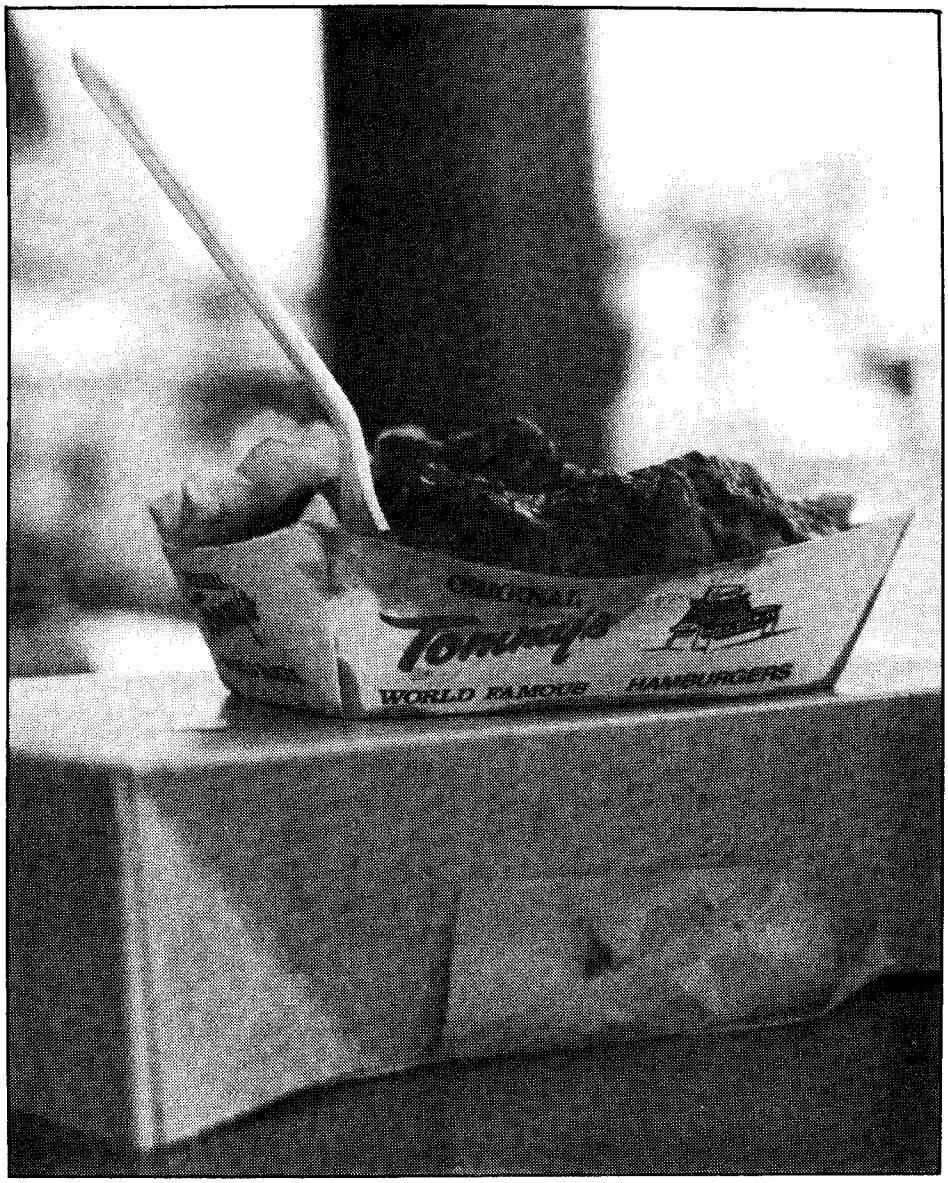
A Poem
Illusive dreams permeate the room.
Vivid colors shout amidst the silence.
Running sideways
Kaliedoscope shivers
Descend across molten tofu.
But he's a good table!
As if Return of the Living Dead were a good excuse
For Ronnie and Babbit to dine alone
"Hark! Land Ho!" she screamed,
As if she had seen a ghost.
A million golden droplets of moonlight
Rain upon her head.
A spider's kiss--Ho!
Crayons cover the naked wall.
Existence.
I see the eye.
Too many contradictions,
The egg falls.
"But what about me?" asked
(and queried) the falling.
Homina, Homina, Homina. (Butch).
Chasing a monsoon above the dune:
A parakeet sings.
And then the fan came on.
A chapter begins:
See the telephone ring.
Plastic reminders of a grocery story,
Animal crackers.
SCENE 41. TAKE 2.
Ting, tang, walla walla bing bang!
Hooray for democracy! (for those in the know)
As I said before, spake unto Joseph
And said,
"Yo, like, how is the Garden da Vida?"
And the flaming torch burns
In the darkness of the forum
Only to discover the character
Is yourself--laughing, laughing.
A food fix. Well, Yes!
Sometime somebody said it. I don't
Know why or where or who.
Or even what.
Until tomorrow, I will gladly
Hamburger your pay.
THE END.

While this poem makes no direct reference to the beerum discovery, it seems that Lasbud was attempting to test his hypotheses about the correspondence of the level of intoxication with hair expression on himself.

Alfred N. Koski is a slave of the California Tech Magazine.

The New Health Food

BY BUD W. EISSER



Remember a few months ago at Spago's when you felt an irresistible urge to leave without paying because your chicken caccatorie stir-fried in aged filet mignon blood somehow didn't suit your liking? Or how about the time at Anthony's when you began to see visions of Frank Bartyles and Ed James after your eighth glass of that rare 1912 Chardonnay? Perhaps these feeling and visions did not actually result from the food or beverage itself but rather from the fact that both of the items previously mentioned had names consisting of words longer than five letters.

With the approaching summer days, it is time to not only clean your luxurious six million dollar Brentwood condo and your 1983 Aston-Martin but also that mass of organic solids and calcium known as your body. And what better way to do this than with the old tried-and-true Prestone radiator flush system available at the local Pep Boys?

Actually, the Prestone radiator flush can not seriously be recommended because of a high level of alcohols in the solution. Instead, the preferred method of cleaning out your digestive system must be found by a careful survey of the dieting habits of the poor people in our society. How else can you account for the fact that there are so many people living at the poverty level?

So after years of multiple non-linear regression coefficient statistical analysis at the Pacific Institute of Technology's department of food sciences, it has been determined that the underlying cause for the plethora and longevity of zero to low income people is their consumption of beer and chili fries.

Beer and chili fries, you probably remembered eating them back in the good old days at the university when money was tight, classes were hard and women were respected. After so many years, these two staples of your diet began to fall by the wayside in light of the inclusion of more expensive, less nutritious food which almost always had names which were more than five letters long.

Today's article focuses on some of the finer beers that are available on the market today. These include the best of the domestics and imports. While I savored reviewing many imported beers for this article, I discovered that most could not be purchased for less than fifty cents a bottle at Ralphs so they probably were not worth my time and brain cells. The article concludes with a guide to the hippest locations to satisfy that craving for deep fried potato starch interlaced in mutated dead cows.

Historically, beer was created after early man quickly realized that drinking river and sea water could create an unfavorable condition in the body known as diarrhea. Since then, beer has become the preferred liquid of consumption at most social and anti-social occasions such as parties, baseball games and military war games.

With a bumper crop of hops and barley in the Midwest, expect your local breweries to produce the finest beer in years. Some of the finer concoctions that have come to my attention are those from the vats of the Schaefer and Stroh's brewery. Between the two, I personally recommend the Stroh's because of the ease in pronouncing its name while intoxicated, and a better advertising campaign.

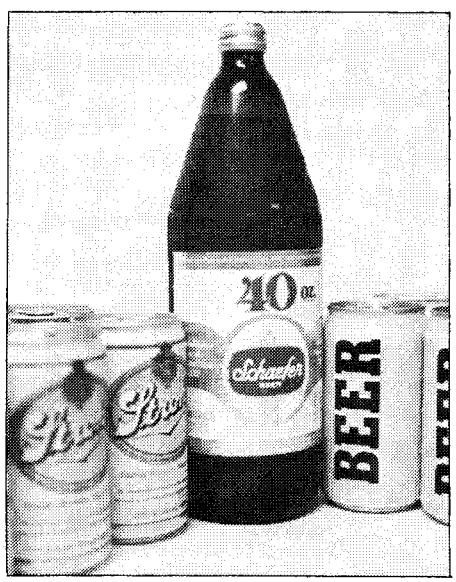
The bastion of conservative beers, Budweiser, promises to have another quality output this year although your pets might persuade you to buy Bud Lite because Spuds Mackenzie drinks it.

For the beer connoisseur, a six pack of Olympia or Busch is always sure to satisfy that urge for exotic tastes. On the subject of exotics, Coors and Coors Lite will definitely cross that line between exotic beers and those accepted by the mainstream consumer. On light of its new advertising campaign and innovative packaging techniques, the Silver Bullet is sure to put a hole in more than your wallet.

But for those of you with a taste for the imported beer, I truly cannot recommend anything finer than the thirty pack of Meister Brau. With the Irish barley blight reaching epidemic proportions in the farms of Europe and Asia (where it's known as the Beijing barley blight), most foreign beers will be downright hazardous to the American consumer.

Lite beers should also be avoided this year as the reports of contamination with cooking oil keep hitting the news. But homeade lite beer is easily made with one part of your favorite beer mixed in with one part of diet Coke. You can also use diet Cherry Coke instead of diet Coke to create the latest, and most happening rage - the lite beer coolers.

Although lite beer and beer cocktails (see inset for two of my favorite drinks) can easily be created at home, chili fries prepared at home will always pale when compared to those found at the finer culinary establishments around Los Angeles. Unless you have access to a vat of axle-bearing grease or a barrel of used motor oil, you are highly suggested to leave chili fry preparation to the experts.



Unlike other gourmet foods, the preparation of chili fries demand the chef to be a master of all four food groups - starch, dead animals, spices, and grease/oil. With such skill required, it is a miracle that so many fine restaurants serve this delicacy.

The one restaurant that pops into everyone's mind when the word chili is mentioned is of Sachi Sushi. But unfortunately, chili fries are not a forte for an establishment with such well known dishes as yellowtail on chili sushi.

Only the local restaurants with the most uncompromising attitudes towards service can prepare decent chili fries. One such place is Tommy's Besides getting your fries in less then two seconds after ordering, the subtle blend of chili, grease and rare exotic spices lead the gourmet to the conclusion that an order of Tommy's chili fries are a delight to the tongue, nose, and stomach. Patrons of Tommy's with mastication problems will also be able to enjoy Tommy's as the delectable chili fries literally melt your mouth.

Lucky Boy's is another fine Los Angeles landmark that serves consistently palatable chili fries. In contrast to Tommy's, which emphasizes grease content in their fries, Lucky Boy's prove itself by the solid, chunky quality in their chili fries. While there may be chunks in the order that do not resemble meat or fries, the texture of the food is nevertheless quite satisfying to even the most discriminating gourmet.

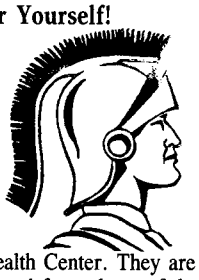
Finally if you want to enjoy that great chili taste without decimating that monthly Visa bill, one might try the chili fries at Tops restaurant. Although your order will arrive well stocked in starches, the chili has a rather dyspeptic consistency, leading to dysphagia for many customers. Tops may not be the ideal spot to enjoy your chili fries as numerous complaints about the sterile atmosphere have come to my attention.

Other restaurants that deserve honorable mentions on their chili fries are the Good Earth, the Chronicle, and the Souplantation restaurants. Unfortunately the atmosphere at these restaurants do not facilitate the easy digestion of their otherwise respectable chili fries. In addition, these restaurants tend to serve lemon slices in their water, a sure sign of possible problems in their restaurant quality and prices. While many other brands of beer and restaurants that serve chili fries do exist in the Southland, the Huntington Memorial Hospital have not posted notices about them as being possible health hazards to the pub lic. As a result, they probably are n worthy of this magazines time a research efforts.

Bud W. Eisser is a contributing wr
He is an editor of Beer Belly.

Condom Club MEMBERSHIP

The Perfect Gift for Dad – or Yourself!



EXCLUSIVE – Created specially for The Condom Club by the best constructors around, these condoms are the same size and caliber as those found in the Health Center. They are individually wrapped and formed out of the highest quality latex. Each condom contains a set of instructions, along with a witty comment by our sex specialist, the legendary Dr. Dave.

AFFORDABLE-For just $30 we'll send your dad – or you – 5 *original*, challenging, fun-to-use condoms once a week for a full year.

EASY TO ORDER-Simply send your check for $30 or MasterCard/Visa information to:

THE CONDOM CLUB
Dept.666 • 987 Olive St. • P.O. Box 000
Hopinsack, Virginia 12345
OR CALL TOLL FREE
800-277-4653 *(VA 284-7446)*

A Full Year of Condoms Just $30-Order Your Condom Club Membership Today!



CALIFORNIA TECH MAGAZINE

WINDOW ON YOUR WORLD

Once a year, the California Tech Magazine brings home a stale old perspective on the world inside us. It's rude, disgusting and completely obscene!

California Tech Magazine

(For advertising information call 1-800-382-5968, ext.74838.)

New Nostradami

Continued from Page 7

July 8, and his prediction of exact time only differs from Rexus' by a mere five seconds!

Another New Nostradamus, Bill Watterson, or Wattus, has predicted the exacted center of the 1990 earthquake in his well known "Calvin and Hobbes" comic strip. Says Wattus' Calvin: "It's another new morning for Mr. Monroe.... Little does he realize it's his last day on Earth!" Obviously, the quake will be epicentered near a city named after this historic president. Rexus narrows down the scope of this vague statement in his novel "The Long Walk," superficially about a futuristic Marathon, but is actually prophetic about the destruction of the Western United States. Rexus makes the key statement of the novel in the opening sentance of, significantly, the novel's final chapter. The statement reads simply, "They were forty miles from Boston." Rexus, being a resident of Maine, obviously intended that staement to have a hidden meaning, which is apparent in the next sentance: "'Tell us a story, Garraty,' Stebbins said...." Obviously, taking out the doubled letters reveals the code "ll rr bb," which can stand for only one thing: "Los Angeles Replaces Boston!" The meaning is crystal clear, when taken into the context of Rexus' earthquake prediction made in "The Stand"

Thus, with amazing foresight these New Nostradami have provided the people of this part of the country with words which can and should help us prepare for the upcoming cataclysm. It is no accident that these New Nostradami have been commercially successful, for it is the only way in which they can warn us of our future, and many have taken, conciously or unconciously, their warnings. It would be foolish to suggest that the amazing coincidences revealed in this article were nothing more, for our paranoia is at stake, and we must do everything we humanly can to nuture and protect it, so that we may live through the awful spectre of a fateful day: July 8, 1990

In the following list of breeders each has at least one Champion in the breed he is advertising. Consult them for puppies and stud service.

AKITA
KOBU CH SIRE/DAM HD/PRA BIS LN 619-941-3406

BEAGLES
VALIDAY BEAGLES, REG. (213) 839-0729, 837-1395

BEARDED COLLIES
SHILOH BEARDIES (818) 768-0963

BICHON FRISE
AMY COSTELLO PUPS-STUDS (805) 264-2870

CLUMBER SPANIELS
CAMEO, PUPS, CH. STUD SVC (714) 628-2092

COCKER SPANIELS
XL (213) 305-7415 SO. CAL ALL BREED GUIDE AVAIL.
C-WIND (213) 746-7414, BIS STUD SVC & PUPS

CURLY-COATED RETRIEVER
AAROWAG, Ch. Bred pups Show/Hunt/Pet (714) 557-1668

DACHSHUNDS
FALLBROOK COUNTRY DACHSHUNDS (619) 728-4485

DOBERMAN PINSCHERS
CH., SCHUTZHUND, STUD, PUPS, TANRE (714) 371-5167

GERMAN SHEPHERD
BEVERLY HILLS DOG SALES (213) 306-3373 ADLTS/PUPS

GERMAN SHORTHAIRED POINTERS
VON HAINHOLZ, IMPORT F.C. STD. (805) 256-3853

GOLDEN RETRIEVERS
KAZAK CHAMPS SINCE 1965 (805) 946-1739
DONNOR GOLDENS, CH. STUDS, PUPS (213) 696-1666
GOLDLEAVES, REG., CH. STUD, PUPS (714) 820-4514
MANDIGO, PUPS, ADULTS, STUD (714) 887-1811

KEESHOND
CARI-ON KENNELS (213) 323-1292

KERRY BLUE TERRIERS
VALORMOR KNLS., LA HABRA (213) 691-1152

LABRADOR RETRIEVER
MANDIGO, PUPS, ADULTS, STUD (714) 887-1811

LHASA APSO
LORI SHAN (714) 371-5061, (818) 359-2020
MARLO LHASAS, CH. STUDS, PUPS (213) 859-3930
GALAXY PUPS & STUDS (213) 934-8292 (818) 842-4164

LAKELAND TERRIERS
VALORMOR KNLS., LA HABRA (213) 691-1152

MALTESE
BEA FORSGREN CH. STDS—PUPS (818) 249-4009
MARION KENNER CH. STUDS, PUPS (818) 579-5345

MASTIFF
STABLEMATE CH. STUD-PUPS (714) 780-9677 / 628-1746

MINIATURE SCHNAUZERS
DOROVAN, ALL COLORS (619) 463-9897
ST. ROQUE TERRIERS (714) 733-8535 (714) 549-9799

OLD ENGLISH SHEEPDOGS
DANDALION, CHAMPIONS, STUDS, PUPS (213) 697-6212

PEMBROKE WELSH CORGI
JANDON KENNELS PUPS, STUD DOGS (818) 842-1431

POODLES
GLORYCOLE KENNEL, MIN-STD-TOY (714) 531-7650

STANDARD POODLES
PINAFORE KENNEL, CH. STUDS, & PUPPIES (714) 822-7020

ROTTWEILER
VON REISHOFF (818) 446-6660 FREE BUYERS' GUIDE
POWDERHORN/WENCREST (213) 851-3174 (818) 889-9514
"FRIENDSHIP (213) 699-1120-PUPS & CH STUD SVS."

SCOTTISH TERRIERS
KARDOS KNLS. STUD-PUPS (213) 641-4151

SEALYHAM TERRIERS
MERRILAND REG. CH. STUD-PUPS (714) 828-2024

SETTERS—IRISH & ENGLISH
THENDERIN KNLS. PDS. (213) 821-5612 (213) 821-8742

SHETLAND SHEEPDOGS
SARWYN (619) 868-4428 (213) 945-6935
SUNSET SHELTIES (818) 358-2870

SHIH-TZU
SHEILA GORDON PUPS & STUDS (818) 765-5596

SIBERIAN HUSKIES
ARTIK-SNO, CH. STUDS & PUPS (714) 639-7284

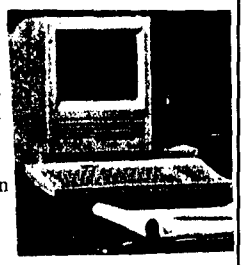
SILKY TERRIERS
HICKS, 5092 LOLINA, CYPRESS (714) 527-3116

STANDARD SCHNAUZERS
KB'S STANDARD SCHNAUZERS (619) 292-4924

CALIFORNIA TECH MAGAZINE SHOPLIFTERS' MART

Truckload Sale

Just Requisitioned! 18 wheeler stuffed full of the latest in computer equipment. Apples, IBMs, Suns. Don't wait, hurry while supplies last. For more information contact:



High-Tech-Jinks
P.O. Box 1235, Pasadena, California 90016

Minimum Order: 1000 lbs

Paper Clips



Fresh from the factory. Quality Assured. OEM. If you office needs high quality paper clips quickly, cheeply, no questions asked. come to us. Only 10^{47} left. Get them while they last.

HOT-OFFICE-SUPPLIES 123⅓ Main.

ID Cards Made While U-Wait



Meet Joe. You supply the pictures, He makes the cards. Most photo ID's made in under 15 minutes. $20 per card. Volume Discounts. Go to the Back Yard Bar. Ask for Joe.

Are you hungry?

Tired of living off of unemployment benefits, or is Social Security not enough to support your lifestyle? Well we have the answer for you. Only with **Stationary Services** will you be on your way to a new career in only *three* days. We wrote the book on obtaining bulk stationary practically for free and we'll show you how to do it. Not too many obligations, call today for a free appointment.

(818) 993-4527

Garden Supplies



Is the door to your success locked? Many people have this problem and we've found a way to unlock that potential fortune door. But first, let's make a deal. Nobody finds out OK? Contact Gardener Gozer for the key to your future. No solicitors.

Sandpaper Thumb
435 Green Street Suite 160

Parking out back. Enter through the rear

"VF-11" OUTDOOR USES

VF-11 increases blossoms and holds them!
VF-11 increases yield of vegetables & fruit.
VF-11 is superior to B-1 for transplanting!
VF-11 is the finest "foliar feed" on the market!!
VF-11 will give you magnificent houseplants!!
Enjoy a garden beyond your wildest dreams!
Available at most grocery & garden stores. Send for dealer list.

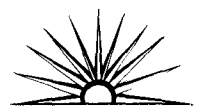


937 Bestsellers

The U.S. Government Printing Office has put together a new catalog of the Government's bestselling books. Find out what Government books are all about. Send for your **free** catalog.

New Catalog

P.O. Box 13
Ava, Missouri 65608
3211 Rambla Pacifico, Malibu CA 90265)



The answer to all your needs is locked within. The joy, the peace, the challenge of Life. It doesn't take volumes to unlock the secrets within—just a few well chosen words.

THE BOOK OF GIFTS
Milmo Publishers

To receive your copy send $3.25 cash, check or money order to:

ELECTRO-MUSCLE STIMULATORS $395



- Re-educate flabby muscle
- Relaxation of muscle spasm



ASK ABOUT

SHOPLIFTERS M•A•R•T

Make you fencing business grow with top prospects!

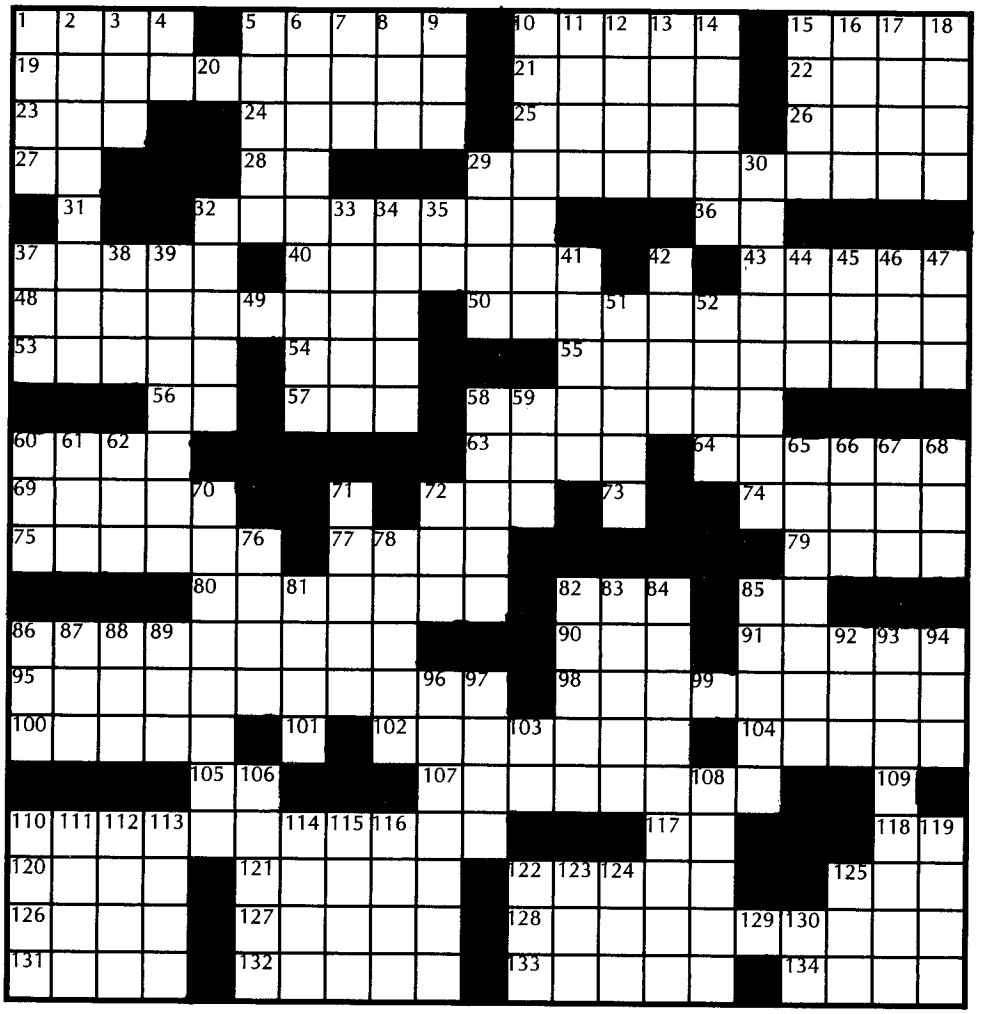
Use Shoplifters Mart to build up your business prospects. This outstanding fencing vehicle can start things rolling for you by reaching 3.3 million adult felons. It adds adds up to a cost-effective way to tap an audience with more than $66 billion in stolen merchandise—and to strengthen your image in a lucrative market. Shoplifters Mart. Every Friday in the California Tech Magazine.

For more details, call (818)405-4241 or (818)300-0720

Or toll-free 1-800-727-8423, ext. 27463 or 765423.

It's a BiCh

BY EDWARD FROSH



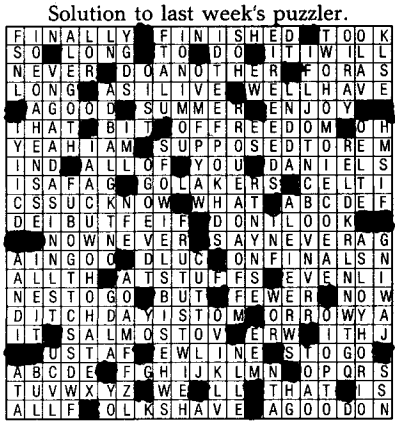
ACROSS

1 Summer objective
5 Result of a few drinks
10 Sometime snake
15 "Flashdance" singer Irene
19 DNA
21 Place to use money
22 Grade in 26 across.
23 Mad as a wet ---
24 Tech is full of them
25 Reasons for amazement
26 Ch 41
27 Michael Jackson, sometimes
28 suffix
29 I was so mad I was ---
31 Amino acid side chain
32 Man
36 Tin
37 Japanese town
40 Not scalars
42 Letter after Z
43 Motion-givers, amoeba
48 After anaphase
50 E.g. of Reaction kinetics
53 -- on which to build
54 Ron, to Ronald
55 Irish officer?
56 Classified or personal
57 Tons per square inch
58 I'll do anything, ---
60 Achilles' weak spot
63 Flem's arsenal
64 Rudolph and Vixen have them
68 Not a word
71 Sci-Fi movie, c. 1983
72 Common article
73 Conditional
74 Not quite shredding
75 German's "What is..."
77 I came out on top
79 Washington & the cherry tree?
80 Summer destinations
82 Chinese name?
85 CD's predecessor
86 Misspelled uttering
98 Ready to go
90 TDK tape quality?
91 Late singer Otis
95 DNA couple
100 Edith Wharton char.
101 Chrysler car
102 Alarmed
104 2 Majs. at Tech
105 Author's initials
107 Sign of age
109 Movie rating
110 #19 ac. in 32 ac.
117 Destination
120 Skin type
121 Weird
122 Nin, as in diary
125 Not hers
118 About, to lawyers
126 Less than twos
127 Finally
128 Model of control in bacteria
131 Heavy book
132 -----n scarf
133 Russ. name, perhaps
134 Leggo my ----

DOWN

1 Ben-gay target
2 Not experiments
3 Golfer with army
4 Refusal
5 Many heavy books
6 Ahab cry, perhaps
7 DNA enzyme
8 Post-modernism era
9 Acceptance
10 Definitely not a word
11 Single Nestea
12 Wart source
13 Pretentious painting
14 Homes, to birds
15 Gary H.
16 "It was an ----dent"
17 Virginia square dance
18 Cain's sibling
20 Hitchcock mystery
29 Combined olfactory
30 Cancer causing agents
32 Crossed fingers
33 Mexican currency
34 Revolutionary Brits.
35 Popular alien
37 Jazz Teacher's Ass.
38 Friends of mine
39 Bad move on car
41 Disdain, strongly
42 Bad grade to get
44 Wrath
45 Get a ---d of this
46 Sort of suffix
47 Museum stuff
49 Kind of bomb
51 Mo. Indians
52 Drea
58 Danish phones?
59 Metals, naturally
60 AIDS virus
61 Airport time
62 Pas ouest
65 — — that 'coon
66 Less than strict
67 Il — sot
68 Speedwagon band
70 Spotted
71 Goldsmith char.
72 Stubbed digit
76 Spotted
78 — — on first?
81 Bill the Cat says
82 Grant permission
83 Sort of a curse
84 Loss of electron
85 Gets beat
86 Ram fan, of sorts
87 Keep yer — on
88 Not the Ath
89 St. Augustine's club
92 I.A.E.
93 Boxing warmup
94 Tech specialty
96 Dentist's drug
97 German cure
99 #15
103 Refusal
106 Bag nets with hoops
108 Sting's message to his dad
110 — one's horn
111 Bum
112 Not quite a Flem
113 Wall Street
114 Poe or Morrison
115 H.O.F.L.
116 Old, as it sounds
119 Petrol
122 Entirety, sum
123 TV dance show of 70s
124 Top card
125 One that eats too much
129 #5
130 About, legally

Solution to last week's puzzler.



Sam Custom Tailor

SEE OUR NEW LOCATION
3519 E. COLORADO BLVD
PASADENA
(818) 793-2582

ALTERATIONS
RESTYLING
TAILORING
INVISIBLE REWEAVING
Special rates for Caltech/JPL community

SPERM DONORS NEEDED

Earn up to $105 per week.
University students only.
Area's largest sperm bank.
Call: (213) 553-3270.

California Cryobank, Inc.
2080 Century Park East #306
Los Angeles CA 90067

PASADENA TABERNACLE
SUMMER DAY CAMP '88
June 20-August 26, 1988
COED AGE 6-12

THE SALVATION ARMY

Arts & Crafts
Swim Lessons
Organized Recreation
Day Trips
Loads of Fun

Fee: $40-50 Weekly
Call: (818) 795-8639

GOLDEN GLOBE

PARIAN TRAVEL
Caltech Officially Approved

Most professional, courteous, economical and efficient service for your **official** and **personal** travel needs.
Free service to you.

Airlines, Cruises, Tours, Hotels, Car Rentals.
Individual, Commercial, Groups.

(818) 577-8200
468 S. Sierra Madre Boulevard, Pasadena

ACADEMY BARBER SHOP
27 No. Catalina, Pasadena
Open Tues.-Sat., 8 A.M.-5 P.M.
449-1681

Something Unique Has Come to Pasadena !

Sidewalk Cafe
Family Restaurant

FOOD MADE THE OLD FASHION WAY

- Nice Easy Atmosphere
- With Outside Patio
- All American Favorites
- Mediterranean Dishes
- Large Portions
- Reasonable Prices
- Breakfast, Lunch & Dinner
- Greek Dishes

GREEK DELICACIES

"YOU CAN EAT FOR LESS AT SIDEWALK CAFE THAN YOU CAN AT HOME."



1616 East Colorado Blvd. • (818) 584-3912
(Next to Pasadena City College)



DON'T LET YOUR LIFE GO UP IN FLAMES

You're in good Palms with AllGod

Auto • Home • Life • Fire • Earthquake