Ring-a-ling Ting-a-ling

by Paul Mason

he student Houses are defi-

nally not getting Institute

funded social phones, but a S

(Wide Area Telephone)
cell phone sponsored by ASCIT

looks promising, according to

the IHC meeting last night.

Robert Phelan and O. M. Kage,

both from Physical

1, were at Friday's meeting

commented on Exhibit reports

that the Institute would not

ly social phones for the

ent houses. Also at the

ting was Lynn Swanson

the Pacific Telephone

pany. He explained what

es Pacific Telephone could

nd to the student houses.

ied basic residence

es with different options

the billing and a WATS

ne.

Swanson explained that a

SS line costs $1.75 a month

here in the U.S. outside

ifornia at anytime for a

d cost per hour. There is a

imum number of hours

d each month and the cost

our decreases with higher

nted usage. If his plan be-

n considered by IHC to be

tain one WATS line for all

en student ses, and locate it in a room

isible to the students. The

ents would log the calls

ade and at the end of

month the bill would be

en down by student and

to them through their

ces.

The cost of a WATS phone is

00 per hour for a minimum

hours in excess of 240.

imum cost for a month

would then be $1680 for the

hours.

he rate for the cheapest out-

of-state long distance call, direct

calling after 11:00 P.M., varies

$9.00 to $12.00 per hour

and at the next cheapest

time, from 5:00 p.m. to 11:00 p.m.,

ate varies from $12.00 to

7.00 per hour. Thus the

7.00 an hour WATS rate is

ther than any regular out

of-state long distance call and a

iderable savings on some.

In previous years Fleming

ouse has had a private phone

use of house members.

According to Phil Naeker,

fening president, the average

cost each month for the out

of state calls on this phone has

been $375. Multiplying this

figure by seven gives $2625 as

the expected cost of out

state calls for all the student

ouses. This would seem to

ify the $1680 minimum for

the WATS phone.

he major problem with the

WATS line at the present is the

billing. The telephone company

ends a bill containing only the

total hours used and not a

breakdown of each call made.

The IHC is looking into two

possible solutions to this

blem: The first is using one of

49 monitors of Physical

lant's Telad system to record

the numbers called and the

duration of the calls; the second

solution is to buy a "black

box," reportedly in the

00 price range, that can be

ected to the telephone line and

form the same function as

Telad.

Another problem with the

WATS phone will be congestion.

Continued On Page Three

EAT IT FROSH

by Ed Bielecki

Do you suffer from acute

keds of food service? Do you

wish for relief? Well, keep on

ishing, for relief is many years

away, and the cost would be

high.

ccording to William

enell, manager of Food Service,

ideal situation would be for

ch to go to the cafeteria

system. In this way monetary

costs could be reduced, but only

ent of house unity and

rency. In any case, the change

would require a dining

all much larger than Chandler

nd so its earliest possible

plementation would be years in

future.

o meanwhile, here's what

ou have been going for or

ay. We now have a dietitian

h who we share with 28 other

lgues. During the interview,

enell talked at length about her

indings and recommendations.

he said that the food was in all

ways "adequate," although a few

meals were overly starch laden.

As a remedy, more vegetables

will sometimes replace potato

products. A further suggestion to

Continued On Page Four

News Briefs

Refuse

The Right!

"The Management Reserves

the Right to Refuse to Serve

Anyone." Dr. Michael Levine

will discuss the issue of the right to

choose one's customers vs. free

access to services at next Thurs-

day's (Oct. 23) meeting of the

Libertarian Forum Dr. Levine is a

Caltech faculty member with a

law background. The meeting is

open to all (Wherever it may be.)

Continued On Page Six

Seniors

Blasted

There will be a Senior Beer

Blitz in Dabney Hall Lounge and

Gardens from 4:00 to 6:00, sponsored

by the Caltech Alumni Association.

(There will be extremely helpful if

in the future, persons who submit

requests to the Tech would be a little

more explicit as to at least the

DAY on which an event is taking

place.)
Contraceptives, Troll?

Young Health Center, located at 1239 Arden Road, is the scene of many activities and services these days of interest to Techers. Serving primarily grads and undergrads, the center is manned by a staff of concerned personnel. Director of Health Services is Gregory Ketabgian, an internist who is the primary physician on duty during the weekday afternoons (except Monday) and on call at all times. Dr. Marlene Coleman, here last year, now has extended hours, including the Monday afternoon. One nurse is on duty at all times, and a second is around during the peak afternoon hours. A walk-in patient is available weekdays from 1:30 to 4:30 p.m. and will see walk-in patients early in the afternoon. Other hours are those of the regular treatment an appointment is recommended. Dr. Ketabgian is on call at all times. His answering service number is 795-7793.

Various clinics are held by the health center (clinic being defined as a place and time to have an appointment with a physician). Monday through Friday afternoon is a general clinic, with Dr. Coleman and Dr. Ketabgian on duty Tuesday through Friday. Dr. Coleman also conducts a contraceptives clinic for women Monday through Friday from 1:30 to 5:30. Although Dr. Coleman is not a gynecologist, she has had experience in this type of counseling at Tech for the past year. (That means there is someone to turn to, little frothing.) An immunization clinic (such as is required for foreign travel) is held Wednesday from 9:00 to 11:00 a.m., and there is an annual flu clinic. Staff member Patty Schneider is holding a weight control and exercise program Wednesday at noon beginning October 15. On Tuesdays and Fridays, in the afternoon, an allergy desensitization clinic is held. (This is basically administration of medication by a nurse on a regular basis as prescribed by an allergy specialist.)

Many special services are available: lab tests are done without charge, Cardiograms and minor X-rays are done at the health center, others are done by private labs, and major X-rays are done by the radiology department at Huntington Hospital—all this without charge to the student. Often students may be referred to specialists in the community such as orthopedists, dermatologists, and nose and throat specialists. The first of these visits is paid for by a health center fund. The center has a lounge equipped with a health-oriented library open to all students. There is an infirmary with ten beds available for the use of those infectious diseases requiring isolation and supervision, although anything serious will be referred to Huntington or St. Luke’s Hospital. Moreover, it is the health center policy to let anyone spend the night there who desires it, with no questions asked. An amazing feature of this service is that a nurse will prepare a breakfast for those who get up early enough. The health center also maintains close communication with the RA’s of the student houses, educates them in first aid, and provides each house with a first aid kit. Hence a student with a health problem may find it helpful to see his or her RA, especially on the evenings and weekends. Also of interest is a series of lectures on health to be given by the staff.

As far as fees are concerned, the only charges the health center services for a fee of $20 per term. The Blue Cross insurance protects each student is primarily hospitalization insurance. Questions about either insurance or bills may be directed to Patty Schneider at the health center.

Next week: A discussion of mental health and counseling services available at the health center.

5 years ago; Oct. 15, 1970

...Calttech began its 1970 football season by tying Redlands JV, 0-0, thus giving the team the second place for the lowest tie-score game.

This was the first tie for the Beavers since 1958 when they tied Cal Western, 42-42. At that time this was the highest tie score in the history of college football.

New Trustee

The nation’s highest ranking woman judge, U.S. Circuit Judge Shirley Hughes from Los Angeles Superior Court, has been elected to the Board of Trustees of the California Institute of Technology, according to an announcement this week by R. Stanton Avery, Chairman of the Board.

Only the second woman in U.S. history to attain that level in the judiciary, and highly respected in the legal profession, Judge Huftsdeter has served in her present position since 1968. Prior to that she served as a judge of California’s Second District Court of Appeals. She was named a Superior Court judge at 35, and seven years later was named to the U.S. Court of Appeals.

Known for her interest in arts and entertainment, Judge Huftsdeter has affirmed many times her belief that there is nothing in the daily lives of individuals which is not touched by the law and the processes of justice. Describing herself as an independent-minded, she has stated “I’ve participated in the women’s rights renaissance in my life. I’ve always believed that all human beings, including women, should have the opportunities to make the best of their abilities.”

In the field of education, in addition to her interest in Caltech (she appeared here as a guest speaker in the Caltech V’s Leaders of America program) she also serves as a trustee at Occidental College, and for the Aspen Institute of Human Studies. She is a member of the Board of Councillors of the University of Southern California Law Center and the Visiting Committee of the Harvard Law School. The Universities of Gonzaga, New Mexico and Wyoming, and Tufts and Occidental Colleges have awarded her honorary degrees.

THE ASCIT FRIDAY NIGHT MOVIE

Klute

7:30 p.m. & 9:30 p.m.

in Baxter Lecture Hall

Admission: 50¢—ASCIT members and their guests; $1.00—anyone else

Next Week:

Clockwork Orange

Subscriptions...$1.00 per term

Life Subscription...$10.00

NSBELAC

The National Society of Black Engineers, Los Angeles Commissary (NSBELAC) will hold its first annual general meeting this Saturday, the 18th of October at 5:00 p.m. in the Baker Lecture Hall at the campus of the California Institute of Technology in Pasadena.

The organization is an agency for Black college students with an interest in science and engineering related fields, an urges any interested students attend. More information can be obtained by calling 295-7408 or 757-7946.

The California Tech

Friday, October 17, 1975

Volume 4, Number 4

Published weekly except during vacation periods by the Associated Students of the California Institute of Technology. Incorporated. The opinions and views expressed in all articles are strictly those of the authors and do not necessarily reflect the views of the editors or of the corporation.

Apparrel for the Last Time

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The California Tech publications office is located in Winnett Center, 110-51, California Institute of Technology, Pasadena CA 91125. Telephone: 795-6811, x1214. Printed by New-Type Services, 1501 West 6th Avenue, Glendale, CA. Reproduction and distribution in national advertising pursuits by National Educational Advertising Services, Inc. Second class postage paid at Pasadena, California.

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CALTECH BOOKSTORE
Get your favorites at Big Discounts!

Moondogg Medicine Show, Bob Millard, Mumy-Gordon Band at the Ice House. Is it very surprising that the Ice House is not crawling with Pasadena-area college students. It is exactly the type of entertainment that students in other places thumb their noses and scratch to see. Not only are the shows extremely polished and professional, but the admission is cheap! For $1.50 it is worth a try.

This week opening act is Bob Millard, a folk guitarist, but not one into "John Henry" type dirges. He mixes light humor with his music.

Following that: The Mumy-Gordon Band. Their sound is lush with two keyboards and only corgas for percussion. It is difficult to find a comparison, but Carole King's back-up band comes close. The vocalist border on raucous, but the instrumental expertise makes listening very pleasant.

The stars of the week are Moondogg and Mumy with their Medicine Show. They are an old Ice House favorite. Last Tuesday's show began with Bob Millard as Jerry Lee Lewis on piano, and Moondogg as a 50's guitarist. From the past, the duo moved on to one-liners, longer skits, songs, bad puns, and such. The final skit was a parody on TV sign-off prayers. A hysterically funny show. If you pass them by, you cannot even see them when they return (which should be reasonably soon). The performers get a little wasted in the later shows so the 8:30 one may be the best. If any amateur wants to publicly perform, Sunday is "Hootenanny/Showcase" night. You may hit it big! Sign-ups are 7:30.

Coming Events
Fri 17 Muledeer and Moondogg
Mon 19 Dabney Lounge
 Flamenco Flick

Greenie

Imagine a sultry evening in a scented Andalusian courtyard, or a heat-oppressed afternoon in a dusty Madrid courtyard...

Luisa Triana and her Spanish Dance Company evoked them for an appreciative audience last Friday at the Pasadena Civic Auditorium. Flamenco, the traditional dance of the spirited Andalusian gypsies, has been the inspiration for generations of Spanish composers and dancers. And for good reason: the long-fisted skirts, the intricate steps, the passionate历练 of the guitarists, these have a power over the imagination unlike any other dance form. Together with the gazpacho of the guitarists, they form an unparalleled expression of fiery independence.

Last Friday's performances ranged the syncopated guitar-and-castanets to Oriental, a haunting piano, cello and guitar concerto, and the fluid exposition of Flamenco dance.

The entire company is remarkable, and Greenie, a dancer who combines the precision of the music, as well as an amazing agility and communication with the audience. Each motion, from the impossible quick stamping and kicking of the feet to the rattlelike clicking of the castanets, glows with exaltation in the richness of a noble cultural tradition with which Americans have had too little contact.

It is a revealing experience to witness the pride with which the Spanish art is brought alive for the audience.

Luisa Triana herself is a performer par excellence. Her control as well as her imagination are worthy of appreciative comment. She certainly deserves much notice in the dance world, both as a dancer and as a choreographer.

Of the soloists, the best by far was Roberto Amat, an elegant, sinuous Andalusian, a man who could dance the most difficult steps of this type of dance; in Sonatina, a virtually stationary finger-dialog, the truly astonishing versatility of the castanets in the fingers of the dancer is apparent.

The performance is worth a visit to see it alone. Flamenco guitar buffs would be satisfied both with the skill at range of the two guitarists, with the added pleasure of the cantora, a singer whose voice clearly delineates the influence of the Arabic culture on Spanish art. The paniculo numbers of an unusual element to this performance.

Luisa Triana's solo Guitarras.

Variations is a priceless to minute interlude. D'Auri's virtuoso fingers spray plectrum brilliantly over an astonishingly versatile back ground of subdued strumming. One can only be disappointed with the lack of applause that followed.

The costumes are a color accent, whose selection at design suggests a hope that this will soon return to the LA area.

In the meantime, for those interested in seeing Flamenco in the Moorish Dance Company, there will be coming to Beckman Auditorium on Friday, Nov. 21. Enjoy!
Day at the Races

The public is invited to a Caltech Service League “Day at the Races” benefit at Santa Anita Race Track on Friday, October 24, with proceeds going to assist students of Caltech. (Charity begins at home.)

Tickets to the benefit are $6.25 per person, which include entrance to the track and special area table seating on the Club House Terrace. Luncheon may also be purchased at the tables.

The Santa Anita gates open at 11 a.m. seating time for the scheduled nine races is at 1:30 p.m. Seating will be on a first-come, first-served basis.

Among the many ways in which the Service League has supported the Caltech student body during the past 27 years of service are the sponsorship of the annual Freshman Parents’ Day, a bi-monthly “investigative reporting” newsletter for undergraduate and graduate students’ and research fellows’ children under the age of two; special events such as contributing items for the comfort of student patients at the Student Health Center, providing healthy food for students who remain on campus during the holiday, and co-sponsored “decompression evening” with students and conversation for students during Caltech examination weeks with other Caltech organizations.

Anyone desiring information or wishing to make reservations for the benefit may do so by calling Mrs. Ralph Bicker, 355–1773, or Mrs. William Nuth, 789–3289.

*********** CALTECH STUDENT SPECIAL ***********

by Dick O’Malley

Lion Country Safari, located just off the Moulton Parkway exit of the San Diego Freeway, has for several years provided an opportunity to see wild animals in something approaching their natural habitat.

Very recently, the place has incorporated a theme park called “The Animal Kingdom” in order to attract more visitors and suck in more money.

Fortunately, the directors of the Safari have not yet lost sight of the original purpose of the project. Indeed, they have recently acquired several gnus.

Unfortunately, these gnus have posed a perplexing problem for the men who run the place. It seems that the gnus were placed in an unfinished cage pending the establishment of the appropriate section in the Safari itself. The directors were puzzled to discover that in the morning all the tiles in the cage had been arranged and fastened to the floor, in spite of the fact that the gnus didn’t have any tar.

A spokesman for the Safari explained that its managers were so preoccupied with the establishment of the park that they had not yet seen the cage. But the gnus had been there for several weeks and they seemed to have no contest of the arrangement.

Safari officials then contacted both the Sun Diego and Los Angeles Zoos and conferred about their gnus. It was at this point that the press got wind of the situation. A jibing story began to circulate that the Safari had lost its sense of humor in any gnu.

Fortunately, the Safari did not lose its sense of humor either. It is now in its natural habitat. Very recently, it was asked if as a natural habitat.

THE CALIFORNIA TECH Page Five

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Science and Man
by Richard O. Ackermann
At the recent Pacific Science Congress, word was raised that scientists should abstain from open publication of their results.
This was brought before the public a sensitive subject that may well trouble the minds of many scientists for a long time—at least as long as the consensus of our number, we are carrying out ideological differences prevails.
Naturally, an approach to the problem by no means obvious as might seem to some person applying "good old commonplace ideologies, scientists should abstain from insistent on open publication of their results."
On Kill!
This common sense makes way for consideration, and things start to go beyond the horizon. Let us consider, for instance, that we are only making our knowledge of these particles the subject of our scientific discussion."
"Nawer Heisenberg: Das Naturbild der heutigen Physik 1955"
As Heisenberg points out, the goal of science is to make clear our understanding of the atoms and their motions 'per se'; rather, we are asking the wrong question; the formulation of the question between nature and human being, of which natural science is only a part.
The goal of science, as formulated by Planck, thus means that we restrict the rational ordering and explanation of nature: The very method of observing natural events and their contexts we observe is looking at, so that ultimately, the method can not be treated separately to the object. In words, the observer is watching himself to a certain degree.
(iii) Besides this microscopic aspect, there exists the larger problem of man versus man, within the realm of society: the possibility of an objectification from his 'tools' puts an additional burden of responsibility on man as the creator of such artifactory. However, since it is not the 'master' who does the work, the evidence of responsibility becomes more concealed. Consequently, the destruction of man and nature by means of these imperious 'tools' seem unavoidable to many elements of the industrial and social hierarchy, as no single person is directly responsible. Ultimately, man again faces himself, or at least his 'tools'.
Examination
With this, we reach our initial problem: the tendency of modern weapons and their incidentally towards weapons with which maximum efficiency can be achieved with least effort. Man is virtually alienated from his weapon, nowadays, he need not even guide it to its target anymore.
Also, he does not see the horrors it causes, so his emotions are hardly touched.
A much more widespread example of this is the alienation from his 'tools' is evident in the example of computers taking over administrative work. In the resulting bureaucracy that relies heavily on technical gear, man can become a totally helpless entity, prey to his own artifact (which, conversely, represents himself, of course).
Drawing from these simple examples, we feel inclined to try to define a sort of borderland between what might be termed 'permission' and the application of science. Unfortunately, this leads to the absurd attempt to determine good and evil. As a result, the system of moral values, man is free to set his own limits, for which he carries the entire responsibility.

The Critical Ear
My favorite among Joe Cocker's latest in a long string of albums, and I'm still not sure about it. I don't usually think, I like Joe Cocker, but I thought I was in a song that he and someone else have both done, and invariably it is his version I'm more familiar with.
"Midnight Rider" is the prime example of this. This time the song is love songs, you might think. Joe Cocker on piano. A little better, and a song with a little poetry to it, at least. Then it started to get more interesting.
Several years ago I first heard a Randy Newman song called "I think it's going to rain today" and I thought it was the first time I'd ever feel I could feel it at my feet, think I'd kick it down the street; that's the way to treat a friend.
"Right before me, the signs implore me, help the needy and show me the way. Human kindness is overflowing, and I think it's going to rain today." There are several other moments of interest in the song, especially "Lucinda" and "Jacks-and Diamons!". Regrettably Jackson Browne did "Jimi Hendrix was playing piano. A little better, and a song with a little poetry to it, at least. Then it started to get more interesting."
Go See Mickey!
For anyone still interested in going to Disneyland tonight, tickets are available through.

The California Tech
From the cerebrum
Goals and Frontiers
In a somewhat simple manner, Max Planck once stated that the purpose of scientific work was to bring a certain order and regularity into the rich amount of perceptions we receive of the nature surrounding us. In addition, exact science, for itself, satisfies the human strive for knowledge and, above all, interacts with society and generates ever new modes of existence.
In the history of natural science, essentially two ways have evolved that try to predict and explain natural phenomena. One way, initiated by Plato, calls for the application of simple, well-defined and unchangeable, thus above all mathematical principles. Francis Bacon, on the other hand, recommended what formed the stepping stone to modern science: By means of observations and experiments we should be able to draw valid conclusions about natural events. Bacon's method's inspired some of the greatest geniuses of history to unravell more and more of nature's secrets. In the last couple of decades, scientific discoveries have lead to a new technology that has augmented man's capabilities to the point where the whole process of successful human performance can be imitated by machines. In fact, the new technique not only relieves man from his operations, but also from his controlling function. For the first time, man can objectivate himself from his work and his immediate surroundings, and face a new reality.
Due to the rapid expansion of technology, the human being with nature has been reduced to such a degree that essentially, man is about to confront himself.
This fact holds true in two respects: (i) In the pursuit of the ultimate goal of pure science, we have reached the point of our habitual differentiation into what Descartes called the res extensa (physical) and the res cogitans (Mind) has lost its meaning. The building stones of nature that were considered fairly recently as the last objective reality, can not be defined uniquely in Space and Time and become, rather, as a result of circumstances, not only "making our knowledge of these particles the subject of our scientific discussion."
"Nawer Heisenberg: Das Naturbild der heutigen Physik 1955"
As Heisenberg points out, the goal of science is to make clear our understanding of the atoms and their motions 'per se'; rather, we are asking the wrong question; the formulation of the question between nature and human being, of which natural science is only a part.
The goal of science, as formulated by Planck, thus means that we restrict the rational ordering and explanation of nature: The very method of observing natural events and their contexts we observe is looking at, so that ultimately, the method can not be treated separately to the object. In words, the observer is watching himself to a certain degree.
(iii) Besides this microscopic aspect, there exists the larger problem of man versus man, within the realm of society: the possibility of an objectification from his 'tools' puts an additional burden of responsibility on man as the creator of such artifactory. However, since it is not the 'master' who does the work, the evidence of responsibility becomes more concealed. Consequently, the destruction of man and nature by means of these imperious 'tools' seem unavoidable to many elements of the industrial and social hierarchy, as no single person is directly responsible. Ultimately, man again faces himself, or at least his 'tools'.
Examination
With this, we reach our initial problem: the tendency of modern weapons and their incidentally towards weapons with which maximum efficiency can be achieved with least effort. Man is virtually alienated from his weapon, nowadays, he need not even guide it to its target anymore.
Also, he does not see the horrors it causes, so his emotions are hardly touched.
A much more widespread example of this is the alienation from his 'tools' is evident in the example of computers taking over administrative work. In the resulting bureaucracy that relies heavily on technical gear, man can become a totally helpless entity, prey to his own artifact (which, conversely, represents himself, of course).
Drawing from these simple examples, we feel inclined to try to define a sort of borderland between what might be termed 'permission' and the application of science. Unfortunately, this leads to the absurd attempt to determine good and evil. As a result, the system of moral values, man is free to set his own limits, for which he carries the entire responsibility.

The Critical Ear
My favorite among Joe Cocker's latest in a long string of albums, and I'm still not sure about it. I don't usually think, I like Joe Cocker, but I thought I was in a song that he and someone else have both done, and invariably it is his version I'm more familiar with.
"Midnight Rider" is the prime example of this. This time the song is love songs, you might think. Joe Cocker on piano. A little better, and a song with a little poetry to it, at least. Then it started to get more interesting.
Several years ago I first heard a Randy Newman song called "I think it's going to rain today" and I thought it was the first time I'd ever feel I could feel it at my feet, think I'd kick it down the street; that's the way to treat a friend.
"Right before me, the signs implore me, help the needy and show me the way. Human kindness is overflowing, and I think it's going to rain today." There are several other moments of interest in the song, especially "Lucinda" and "Jacks-and Diamons!". Regrettably Jackson Browne did "Jimi Hendrix was playing piano. A little better, and a song with a little poetry to it, at least. Then it started to get more interesting."
Go See Mickey!
For anyone still interested in going to Disneyland tonight, tickets are available through.
Sports at Caltech

FOOTBALL—WATER POLO
1975

Photos by G. Bone, G. Laib, K. Li, B. Lockett, and D. Weinshenker
Beavers Blasted by J.R.G.

After electing Co-Beavers the first week, last week saw the soccer team without anyone worthy of the award. On Wednesday they lost 4-2 to a weak Whitter class team that could have defeated. Rich Atwater, tiring himself away from his demanding IHBC duties, scored one goal, while Jim Hickey scored on a throw-in through the porous Whitter defense. One bright spot was the addition of Leslie Peterson at right wing, giving the forward line something which has been lacking. Goalie Steve Timmerman found an excuse by cracking his sternum in the second half, and is out for at least two weeks. As a result, when the Beavers paddled through the rain and mud to Pomona Saturday, Lee Aydolote found himself ankle deep in a swamp, allegedly defending the goal. The result was predictable as the league-leading Pomona team squared to a 7-0 victory. The less said on that game, the better.

Tech goes against LaVerne here at 10:00 Saturday, so come root your beavers on. Who knows, they might actually win.

Page Eight
Friday, October 17, 1975

SPORTS!

SOFT BALLS

LLOYD
AB HR
Byrne 2 1 2
McCoid 2 1 0
Cook 2 1 0
Bachovchin 3 1 1
Groat 2 0 1
Tuft 3 1 1
Bus 2 0 0
Baxter 2 0 1
D.C.Peterson 1 0 2
TOTAL 19 6 8

BLACKER
AB HR
Boroson 2 0 1
Davis 4 0 2
Kisler 4 2 3
Lamon 4 1 3
Sibley 3 2 3
Tanaka 4 1 1
Ong 2 0 0
Hosmaki 2 2 3
Reyes 2 0 1
Harden 2 0 0
Nakazato 2 1 1
Rodriopo 1 0 0
TOTAL 32 9 19

PAGE
AB HR
Gayle 3 1 1
Pender 2 2 2
Rea 3 2 2
Curtato 1 1 1
Kine 3 0 0
Kober 2 0 0
Wakal 2 0 0
Kiddie 1 0 0
Greg 2 0 0
TOTAL 20 6 5

DABNEY
AB HR
Sepulveda 4 3 2
Rouinow 4 3 2
Brown 3 2 2
Hitch 3 2 2
Kober 2 0 0
New 3 1 0
Kobby 3 1 0
O'Hara 3 2 2
Howard 3 1 0
TOTAL 30 16 8

RUDDOCK
AB HR
Carter 1 4 0
Guthrie 2 0 0
Kim E 1 0 0
Munro 2 1 1
Phillips 2 0 0
Rader 2 0 0
Walker 2 0 0
Toney 1 0 1
Bridges 1 0 0
Aiza 1 0 0
McCorquodale 0 0 1
TOTAL 16 1 1

FLEMING
AB HR
Slager 4 2 2
Liang 5 3 3
Ahern 5 3 3
Miller 4 1 1
Hurf 4 2 2
Muller 2 1 1
Jacobs 4 3 1
Betz 4 2 2
Rasmussen 2 2 2
Larson 1 1 0
Grahamley 0 0 0
Washower 1 1 1
Yang 2 2 2
TOTAL 42 25 16

RICKETTS
AB HR
Carter 3 1 1
Aiza 3 0 0
Guthrie 2 0 0
Munro 3 0 0
Cooker 2 1 1
Rader 2 2 2
Kim E 2 0 0
Carlson 2 2 2
Bridges 2 1 1
TOTAL 21 6 4

DABNEY
AB HR
Gayle 4 3 3
Pender 2 1 1
Rouinow 2 0 0
Brown 2 0 1
Hitch 3 1 1
Kobby 3 1 1
Kobby 2 0 0
New 3 1 0
Kobby 3 1 0
O'Hara 3 2 2
Howard 3 1 0
TOTAL 30 16 8

RICKETTS
AB HR
Tanaika 1 1 0
Sibley 3 0 0
Kistler 2 0 0
Larson 3 1 1
Carrillo 2 1 0
Sibley 3 0 0
TOTAL 21 6 4

CALCUU

Page Pounded

It was indeed a dark day for Page softball yesterday as they bowed to Blacker, 12-7. (Cous the mighty Mules of two years ago have returned!) This p Fleming, (who, incidently, was putting away Dalbey 15-4 in the opposite field) into a tie first place with Ricketts. Ti two teams will square again each other today, to get out the diamonds at 4:30 and 50 should see a good game.

Harriers Split

by O.D. Sivertsen

Caltech's cross-country team met up with two of its foes in the Lower Arroyo on Saturday. Tech's harriers ma defied Whittier on a climbing, rocky, five mile course but was beaten by national top powerhouse Occidental. Scn as a double dual, Tech be Whittier 18-39 and lost to O 43-15.

Top runner for Caltech with Steve Kellogg in sixth place in his best time ever, of 29.4 Close behind were teammates J Arpaja and frosh standout R Brewster, hanging seventh and eighth. Freshman Vic Ma zella also turned in a fi performance for the varsity team.

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Second Class Postage paid at Pasadena, California, The California Tech is published weekly except during examination and vacation periods by the Associated Students of the California Institute of Technology, Inc., Winton Center, Caltech 106-51, Pasadena, CA 91125.