Musical Stripped of Equipment

by E. Burton Pontius

Last Thursday night, all of the stereo record equipment was taken from Musical. Someone walked out with two turntables, two speakers, an amplifier, and a private-sounding phone. The loss, estimated at between $300 and $400, was not covered by insurance and the Pasadena police were not optimistic about its recovery and return.

The Musical listening room, a small room opposite the Glee Club office on South Florida Hall, was entered through the door and not through the windows, the Pasadena Police speculate. The door and lock were intact when the loss was noted; it is believed that south campus master keys have fallen into the hands of non-student goons.

Musical's extensive and expensive Classical Music record library is still intact. Luckily, each record jackpot was marked and stamped. Hopefully, Musical will soon be in business again.

Freakish Blast

The effects of the blast seemed freakishly distributed. Although the magnetic, swinging unit was understandably demolished, other booths in the same fume hood were unharmed. The lab bench and door which suffered damage were on the other side of the lab from the explosion, with desks and rows of shelves between them and the explosion, yet no bottles on the shelves were broken. A delicate passage of each amendment, but

All five proposed changes of the ASCIT bylaws were overwhelmingly defeated by 206 votes in Tuesday's balloting.

The measures dealt with an increase in restrictions regarding the appointment of BOD, BOC, and Excomm members to faculty committees and various ASCIT administrative arms.

Thiefs do vote was needed for passage of each amendment, but only the first was able to achieve a slight majority, with six more votes in favor than those opposed. The other bills failed with support ranging from 24 to 42 percent.

The individual results:


2. (New bylaw) No BOD or Excomm member to serve on a faculty committee. Yes: 42 No: 110 Abstain: 54. Failed.


5. (Change) New bylaw (proposed previously) Only BOD members would be restricted from serving on a faculty committee. Yes: 42 No: 110 Abstain: 54. Failed.

(Note: results unofficial until approved by BOD)

Continued on Page Two

NOT AS BAD AS IT LOOKS – Although last Saturday's explosion demolished this magnetic stirrer, no one was hurt and damage was small.

**The Musicale Los Angeles**

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**Reaction Vessels Explode in Church**

by Phil Neches

An explosion rocked Church Lab over the Thanksgiving weekend. Fortunately, nobody was injured by the blast early Saturday morning; however, lab windows were blown in, a door pushed out so violently that plastic on the adjoining wall broke, and a lab bench, formerly bolted to a wall, unceremoniously unbolished.

The explosion, in the lab of Bill Beranek said that the explosion was fortituitously named “Lucky Boy.”

**ASCIT Bylaws Changes Are All Defeated**

Dr. Leon T. Silver, Caltech professor of geology, has received the NASA Exceptional Scientific Achievement Medal for investigation of lunar samples and the training of Apollo astronauts in geologic science. NASA Administrator James C. Fletcher, Jr. presented the medal to Dr. Silver in Houston’s Manned Spacecraft Center in ceremonies attended by Apollo 15 crewmen Dave Scott, Jim Irwin and Al Worden. Silver, who also worked closely with Silver for 15 months in preparation for their historic exploration of the moon last August, Silver has also taught geology to crew of Apollo 15, 14, and 16.

**Ge IX on the Moon**

Leon Silver Receives NASA Medal

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**Sagan on Mars**

by Philip Masey

The Martian light and dark features change may have been assessed by the detail, or lack of detail, in the Mariner 9 photos, according to Dr. Carl Sagan. But, other members of Intelligent Life in the Universe, visiting associate from Cornell University, spoke about the preliminary findings of the spacecraft to the Astrophysical Journal Club last Tuesday.

There is overwhelming evidence that the lack of visible features on the Martian surface is due to a dust storm of planet-wide magnitude. Martian features consist of dark areas, light areas, and the polar caps, the light colored material which makes up the bright areas is in the air over the entire planet. The storm’s progress has been watched from its beginnings in July by Earth-based telescopes. Calculations show that the diameter of the dust particle most easily blown about on Mars is about 100 microns.

The Shadow Moves West

There are actually two questions the presence of this dust storm gives answers to. It has long been observed that light and dark areas undergo seasonal change. The fact that a dust storm occurred so huge a scale gives credence to the theory that these changes are brought about by dust particles being blown over the neighboring dark areas, and later being swept away. The dust storms occur most heavily when Mars is at its perigee, the same time the features seem to change in a way going along the equator.

Furthermore, the Marsians 6 and 7 showed a holieus, to be apparently crater-free. This was rather hard to explain. There are feelings now that what might have been happening was that Holieus was experiencing a dust storm at the time, and that no features were visible through the dust.

There are four mysterious dark circular features which were visible on the Marsian 9 approach pictures. They didn’t correspond to any classical features, and the southernmost one seems to have a kind of “wake” after it–as well as being 10 degrees hotter than the air. It’s now believed that they are among the highest surface features of Mars, and that the dust avoids them for that reason, and so they are visible.

**What??!!**

Perhaps the most interesting of all the findings has to do with the two Martian moons. Photographs show Phobos to be more irregular than Deimos, but Deimos has a one kilometer hole in it. Since Deimos is only nine kilometers in diameter, this is a little astonishing. Also most moons contain craters—but the craters are vastly different on each moon, and there is apparently a strong feeling among the people working on the moons’ data that they do not have a common origin. Nonetheless, moon proves to have been around Mars the longest, however, without a doubt one very good set of control data for determining what has happened to the Martian moons is the Mariner 9 data.

**Atmosphere**

The infra-red sensors have returned the information that there is a...
The Caltech Forum

Would You Want A Fwy Next Door?

by Joe Hall
President, PCC Ecology Action

Do you really want to breathe another freeway? The freeway octave is slowly but surely getting a dangerous grasp on Pasadena’s environment in the form of the Route 210 extension, now being built above Walnut [Street].

Having questions about the environmental effect of this freeway which is planned for completion by 1974, I went to the City Community Development Department to investigate their research on what Route 210 was going to do to Pasadena. What they gave me was something called "An Analysis of the Impending Impact of the Route 210 (Foothill) Freeway on Adjoining Land Uses." The report talked about air pollution, industrial, and residential developmental possibilities which may occur as a result of the new freeway. The effects of this new demand on land values and use as related to the location of the freeway and possible zoning changes were also discussed.

Freeway Pollution

The report shows that the general amount of noise pollution depends on whether the freeway is below ground level, on-grade, or elevated. The study does not mention actual qualitative estimates for any forms of pollution resulting from the freeway. The effects of visual, air and noise pollution are not projected in concrete terms.

One thing that we do know is that a number of freeways are being planned to meet in Pasadena from several different directions. Another thing we know is that as indicated by smog distribution maps, Pasadena is right in a "smog pocket." Further more details in the analysis they say the automobile is responsible for so much of our air pollution do we really want to join 700,000 people within fifteen minutes driving time of downtown Pasadena? With the completion of the Foothill and Long Beach Freeways as projected in the grandiose schemes of the Pasadena Community Development Department, this possibility will become an unpleasant reality.

Freeways Cause Crime?

The freeway system is linked with the business expansion of Pasadena. We do not know the effects of this growth which will have on the quality of our lives, but the odds are they won’t be what we want. I could go on and on asking questions concerning different aspects of this "growth" planned for Pasadena, such as the rise in crime rates due to easy freeway access. See California Highway Patrol Magazine), the destruction of national beauty (yes, Pasadena has some), the nuisance of the urban freeway environment, the physical splitting of the Pasadena area which this "growth" is planned to do. Perhaps I will go into these aspects in future articles.

The main questions still remain. Is freeway expansion progress? Is it wise to plan a freeway system? How do we decide that the people of this community want, especially those directly affected? More importantly, do the people want more choices of transportation and do they want more cars, crowded park cars, rapid transit, and constant development of commercial and industrial areas. If you want to find answers to these questions and determine plans for action, come to the next Caltech Environmental Action Council meeting, Monday, December 6, at 8:00 p.m. in Chabot Room One at the Winnett Student Center.

Lab Damaged

Continued from Page One

A ultraviolet spectrophotometer on some equipment was damaged. The door was apparently inhuman.

Fortunately, Beranek said, only a few people were affected. He shares the lab with three other grad students, including Lori Smith, one of the Rucketts R.A.’s.

Setbacks

At first, Beranek thought the loss of some of his papers would set him back several months, however, he later found that his losses were not as great as they seemed. Fortunately, since key papers somehow survived the blaze. Also, many of his papers were in his room rather than in his lab.

The Water Project

By Paul A. Levin

The water project is an ongoing experiment in its second year that was begun with the purpose of supplying a water supply to this area. The project is currently being conducted by E. G. Beranek, a professor in the Department of Civil Engineering.

The project is funded by the city of Pasadena, which is the primary source of water for the city. The city is currently facing a water crisis due to the drought conditions that have been present for several years. The project is being conducted to help alleviate this problem and to provide a reliable water supply for the city.

The project is being conducted by the city of Pasadena and the California Institute of Technology. The project is being coordinated by the city’s Department of Public Works and the California Institute of Technology.

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Conclusion

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Continued from Page Two

BOCR-10

decides to do this still deprives the computing center of income which it would have received had the person used the system in an authorized manner. As well as this, the person is gaining additional use of the computer which is denied to those who use only that which is gained through legitimate channels. Although not a problem now, use of the PDP-10 is increasing, and a glut of uncharged users could in the future cause considerable slowdowns and delays for authorized users.

It should be mentioned that, despite popular belief, "funny money" does not exist on the PDP-10. "Funny money" is that money which the Institute normally uses to subsidize the computing center (i.e. make up for the deficit in their operating budget) but which it instead gives to individuals on campus in the form of grants for computing time—the money ultimately still reaching the computing center. The dispensing of the "funny money" is reasonable in example, where it costs no more to 

Thereafter, the Board of Control has been the job of interpreting the Honor System as it applies to specific aspects of student conduct. But none of the Board's interpreta
tions have any validity without the agreement of the majority of those to whom they apply— the students. Hence, this statement is to be regarded as preliminary only. The Board solicits any comments or objections you have concerning its position. You can make your opinion known by speaking to your house representative or any other member of the Board, or by coming to an open meeting of the Board to be held for that purpose on Monday, December 6th at 8 p.m. in Winitz Clubroom 1.

The Board's own guideline in determining this policy has been that it should consist strictly of an application of the unfair advantage principle to the misuse of computer and should in no way extend the powers of the Board or the scope of the Honor System beyond their present boundaries. As is true in academic matters the spirit of the unfair advantage principle is as important as the literal interpretation. The use of the computing facility of the Caltech campus, as of any other Institute resource, shall be governed by the Honor System. Whenever misuse of that facility occurs, the Board of Control shall have the right to determine whether that misuse constitutes a violation of the Honor System. In arriving at its decision, the Board shall consider such matters as real monetary advantage taken of another party, damage done to the Institute community as a whole, and general unfair advantage taken of members of the Institute community in the illegitimate use of computer time. Any authorized user of the computer has the right to determine who may use his account and for what purpose. An individual who ignores that user's right or who fails to gain authorization for his use of the computer exposes himself to the possibility of violating the Honor System and to subsequent action by the Board.

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Obvious examples of cases the Board would consider include the unauthorized use of professor's accounts, outside concerns' accounts, and the internal system accounts as well as the use of accounts wherein the accounting system is bypassed. Neither the Board nor the computing center wishes to discourage those who have either bonus file projects that require use of a computer or who have a serious interest in the software of the computer itself. In fact, there are a number of means by which a student can get support for computing time for independent research. The 530 department funded accounts, though small, are a beginning in the right direction. It is also possible for a student to get the sponsorship of a professor for a specific project and get computing time in this manner. The computing center, should anyone decide to revive the club, should also be reminded to revive it, has in the past and probably could in the future obtain considerable computer time per member. Beyond these, although opportunities are perhaps more limited, are the two independent research courses offered by the Information Science department, IS80 and IS280. If misuse of the computer continues, not only is the risk run of causing the institution of a far more restricted computing facility in terms of accessibility and allotted time but also of affecting the gradual erosion of the mutual respect and trust that exist between faculty and students. To lose this trust would be to lose the most precious of all the Honor System's benefits and ultimately the Honor System itself. And the Honor System is worth saving.

Musicale

Continued from Page One

State law requires that pawn shops, second-hand stores, bike, and music stores, etc. submit the serial numbers of all used property they purchase. The list is checked daily against a computerized (ugh!) inventory.

Record your stereo!

If the item doesn't have a serial number already, for example, a car tape-stereo, mark it with your driver's license number or any other identifying mark. Vibrator pens make permanent identification easy. John Elliot, head of Campus Security and veteran of the Pasadena Police Department, suggests that ASCIT start a file in which all Techers and Cal Tech organizations can record serial numbers and location of valuable property.

So get on your local ASCIT officer and suggest that he or she get started on an ASCIT serial number file. These measures will cut down on loss from theft at Cal Tech. You're nothing to lose by taking these measures, and you may soon have nothing left to lose if you don't.

Always first with the best in Adult Movie Entertainment

VENUS ADULT THEATER

DAILY 11 am to 2:30 am SUNDAY 12 noon to Midnight

FREE!

Fresh hot coffee for our customers!

Now Showing:
"Come—Come Again"

EXCLUSIVE—FIRST RUN

Starting Tuesday, December 7:
"Surprise Co-ed"
EVERY ACTION POSSIBLE—FIRST RUN

A completely new show every Tuesday

Caltech students — $1.50 off regular admission with this ad

2226 E. Colorado Blvd. Pasadena
FOR AN EROTIC MESSAGE CALL 796-8118
Off Campus Club Announces Goals

Garble Tom Continues

It was a dark and stormy night. Garble Tom heard rumors of the glass panes could be raised 8" ••• "8.
•••

The Louvre Museum, which is composed of the president's house, students, selects the underprivileged members of all faculty committees. It also chooses upperclass representatives for freshman camp and makes many questions of athletic programs policy.

The president of the Off-Campus Club member of a house who voted for a house president is at best possible, of course, house members. This is only fair. The president represents first and foremost the students and the house. Does paying off-campus members must be his house. And what of the majority of off-campus members, who, due to inexperience, exorbitant living costs, or mere revulsion, are unable to maintain even this tenuous connection with the Off-Campus? Are they to forget faculty committees, etc. altogether?

The IRC is not the only group which maintains the interests of 1/3 of the student body, and the Board of Control has several off-campus campus students as members, there is no way to, of finding out what the opinions, on a certain matter, of off-campus students is. As a result, the best administrators try to forget about us and don't even consider the question.

1) Communication: This is another one of those "little things" that can become particularly in­

The houses are generally only loosely united and unable to carry information to the student concerning all aspects of university life.

The campus newsletter and California Tech Newslet­

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COLOR PORTABLE TUMMY TRINITRON — For on-the-move TV viewers. Watch all the bowl games in color while relaxing on New Year Day. The fantastic KV-900QU has sharp focus, greater brightness, quick starts, no set-up adjustments. Compact in size, it’s portable from room to room and has front mounted speaker. $309.95

SONY TRINITRON, the instant entertainer. See color reproduced as-it-is on this big 12 inch diagonal screen. This Xmas joy comes in a charcoal grey cabinet, trimmed with chrome and features goodies like a lighted dial indicator, push-button automatic color control giving you perfect color saturation and hue at all times, plus an easy carrying handle. $299.95

WAKE UP SMILING . . . with SONY’$ FM/AM digital clock radio model TPM-C590W. Features a 3-way alarm system, integrated circuitry . . . pre-set the time and the radio turns on automatically. Easy reading of large illuminated numerals. Also a loud buzzer, sleep timer which automatically turns the radio off . . . plus SONY quality. Available in grey or white. $69.95

THE SONY SPACE SAVERStyled for Sound. A “hip” cube fits anywhere. Wake up to your favorite AM program with the SONY 6RC-23. Features front clock control, powerful 450 milliwatt output in sound chamber cabinet, easy to read clock, sweep second hand. Rich simulated walnut and SONY quality. $19.95

THE POWER MITE. Goes anywhere . . . indoors/outdoors, on the patio, alongside the pool, the dorm and really any pad. This SONY black & White TV-510U weighs 7 lbs. 8 oz. and comes in decorator styled white and blue. It operates on AC or DC, has a non-glare filter screen for outdoor viewing. $109.95

SONY’S MINI DIGITAL CLOCK RADIO. This space age beauty is loaded. It will help keep your appointments, wake you gently to music. It never forgets . . . if you forget to set it — it will still wake you. It’s 2%" dynamic speaker gives you brilliant AM sound, a buzzer alarm and a high impact cabinet plus an illuminated face with SONY quality. Model GRC-15. $29.95

SONY’S NINE POUND WONDER. We think this is a super buy. The TV-740 operates on AC or DC, has glare-free screen and it travels anywhere! Brilliant black & white 7” picture tube that is ON instantly. It will become your new household pet. Sleek charcoal grey, UHF & VHF antennas and earphones for personal use. $109.95

WAKE UP HAPPY! FM or AM the time you choose with SONY’S 7FC-89W. If you’re a last minute dozer, it’ll remind you with automatic alarm . . . ten minutes after your music starts. Night table, desk or shelf, this simple to use performer will delight you. Richly styled simulated walnut and brushed chrome, quality you expect from SONY. $39.95

THE SONY HI-RISE FM/AM RADIO. Elegant on a sculptured pedestal, it will get raves. The SONY 8F-11W offers solid state OTL circuitry, full 4" speaker for exceptional tone, large vertical slide rule tuning scale and protected from drift via AFC and pushbuttons. Will give SONY quality for years. $29.95

Bank Terms Available — Trade-Ins Accepted — The Sound Freaks honor Master Charge, BankAmericard and Money.
On Cancer Research

Pasadena, Calif.-A series of eight seminars on basic problems in cancer research will be conducted by the division of biology of the California Institute of Technology in cooperation with Huntington Memorial Hospital here, it was announced today.

Dr. Robert Sinsheimer, chairman of Caltech's biology division, explained that the seminars are designed to exchange information on cancer research between the academic research community and medical researchers and practitioners.

The seminars are being made possible through a grant from Eli Lilly and Company with assistance from the Damon Foundation.

They will cover several areas of cancer-related biomedical research and will feature eminent scientists from across the country. The first seminar is scheduled for 4 p.m. Tuesday, December 7, in Kershoff Laboratory at Caltech. Dr. Karl E. Hilleman, professor of pathology, University of Washington School of Medicine, will speak on "Blocking Antibodies in Cancer."

Dr. Sinsheimer said the seminars will focus on the role of tissue in cancer and on the relation of the cellular immune system to defense against cancer. He said recent research developments in these fields have raised hopes among many scientists that the near future will bring basically sound and general methods for dealing with cancerous growths.

Books

BRITISH SCI-SCI

I have here two somewhat parallel science fiction books. They are both by British authors whose primary field is the short story. They are both set in the future. They are both about the actions of a group of people brought together by the forces of circumstance. And they are both, unfortunately, failures.

The first, The Committed Men, by M. John Harrison (Doubleday Science Fiction), is about the aftermath of a war, with its mutations and raised radiation levels and civil strife and whatever else happens after such a disaster. The four main characters are a dwarf, a cripple, an aging quack doctor, and a random girl. There is also a mutant baby, but he (it?) serves primarily as a plot device to allow the characters to go questing for a rumored colony of these mutants.

Biology Department

Sponsors Seminar

On Cancer Research

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1971.

- Named "Import Car of the Year" by Road Test Magazine.
- Sold more cars in its first year than any import in history.
- Standard rail-shift 4-speed or optional automatic.
- Power front disc brakes.
- Rack and pinion steering.
- 2-litre overhead cam 4-cylinder engine.
- Styled steel wheels and radial tires.
- Bucket seats and full carpeting.

The atmosphere is not. People were being packed in like sardines, with a few inches clearance between tables. Any ventilation was missing during the show, so that a blue haze was visible between my table and the stage (about 6 feet) from the cigarette smoke of the customers. Also the sound system didn't sound even vaguely balanced, but that could have been due to the accoustical absorption from that many bodies. At those prices, I would think that they could do a little better.
Debu Debuts at Beckman

by Jeff Mallory

Incense on the air, rhythm pulsing through the ears, the mind soars in the melodic flow of intricate music. Visions of old India, its mystics and legends, pop into mind whenever scenes like these are mentioned.

You can experience a piece of ancient India this Saturday Dec. 4 at Beckman when Debabrata Chaudhuri, commonly known as Debu, will perform on his sitar at 8:30. Tickets are still available from the ticket office for $4.50, $3.50, and $2.50 ($1 to Techers).

Indian music is far different from a westerner's concept of music. For one thing, songs, or ragas, as they are called, can be performed in any key. In fact, a scale is created every time a raga is played, for an octave and its twelve notes are established at the beginning of the raga when the tonic is chosen. The twelve notes are pure (as opposed to tempered) semitones, unlike the notes of a piano.

The music one plays from is not at all like our sheet music. The ragas themselves merely provide the ordering of notes and the characteristic motifs to be played as well as a sort of "recipe" for the composition's rendition. Most of the ragas is improvisation around this basic framework.

Debu will play several ragas Saturday night. His sitar will be accompanied by the tabla (drums) which creates a strict rhythmical pattern for the music called the Tala. All of the ragas are traditional and date back centuries. The performance will certainly be worth listening to, and could be (as is everything else at Tech) quite educational.

Mascot Marceau is coming a week from today at 8:30 in Beckman. Thickets are sold out, but this is a reminder to those of you who bought tickets at the beginning of the season.

Next Wednesday, Dec. 8, the Division of the Humanities and Social Sciences will present a performance will certainly be worth listening to, and could be (as is everything else at Tech) quite educational.

continued on page ten

1972.

• Success hasn't changed it.
Garble Tom Goes Bats

Continued from Page Four of the other flowers looked somewhat wilted, and there was a curious swelling in the stem just below. Garble Tom called the biology professor.

"How long would it take the seeds to ripen if the night-blooming cereus were pollinated?"

"Three or four hours. It's got a fast metabolism. Do you have to call me at two in the morning for this?"

"What happens when the seeds get ripe?"

"A sort of explosive effect, which scatters the seeds over a wide area. Do you think that somehow..."

"Could bats..."

"They certainly...kah-FOO-OOOM!... and would not be overcome for a considerable period by the vapors. It sounds to me as if the first seed pod has opened. Does it look to you as if we're going to need a new greenhouse?"

"Yes, I'm surrounded by broken glass and rumblebees. They're all walking around..."

"Well, let's call UCLA and the Army. To quote your radio program, we face a great danger, and we better do some praying."

But as it happened, the problem was not so serious as they thought. Things were quite interesting for a week or two, with hundreds of people buying loads of weed killer, for the seeds had gone long distances. Some helpful organization came out with signs, bumper stickers and buttons that said "Smooch the Flowers!" with a picture of a night-blooming cactus. And radio stations revived the old song about "You better watch out for the eggplant that ate Chicago. For he may come and eat the old song about blossom. And radio stations revived stickers and buttons that said "Come out with signs, bumper stickers and buttons that said "Smooch the Flowers!"

It was a bright and balmy day, with no smog, when nothing evil or unpleasant could conceivably cast its fearful shadow on the city. A flock of huge bats streaked low over the city, landed in packing houses, gorged themselves on the blood gushing from freshly killed carcasses, and flew away more slowly. The air pollution board's detector system registered the fumes of night-blooming flowers wafting down from the mountains. That was a bad day for Garble Tom. He suspected that his friends from Cow Tech had been up to their little tricks again, for the Marador College computer was printing messages like, "THE EGG'S IN YOUR NEST OF DO LOOPS HAVE HATCHED A FLOCK OF LITTLE DODDOS."

This message appeared 387 times, suggesting that something had been taken out of the system which suppressed unnecessary messages. And then he found the biology professor in his office, saying into the phone, "No Governor, the state doesn't support us. The taxpayers of California don't pay us a cent for our catastrophe tomfool shamming. We do it out of the overflowing..."

Garble Tom took the phone and discovered that it really was the Governor, and assured him that they did not need the National Guard, unless they could put together a detachment of hunters who could hit flying targets at extreme ranges, actually it was a problem for the scientists at this point, since the bats were too huge, everyone knew real vampire bats were quite small, completely strange was going on, since we had destroyed all the night-blooming...
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Garble Tom
Continued from Page Eight
fatal plants, but they seemed to be
progressive. Dr. Lester Lees, the director of
the zoology professor said that
the bats were like Lesser Mexican
Fur bats, except for different
differences in the egg cartilage and
tissue. Garble Tom. When some
more night-blooming bats were grown in the new greenhouse,
the scientists watched frust bat fly
to the flowers, climb out covered with pollen, and change before their
very eyes. In addition to the visible
change in the nose cartilage,
which means that any sound which
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By Bob Kieschefer

The 1971 water polo season has finally ended, after 11 hard weeks, with Caltech finishing fourth in the SCIAC standings and tied for fifth in the NAIA District II Tournament. Captain Steve Sheffield was a unanimous choice for the all-league first team and was also named to the NAIA all-tournament team, while Tim Hight was named to the all-league second team.

On November 17, the team played a high-scoring, fouling game at Redlands. Tech jumped to 2-1 lead early in the game, but flaw of fouling out forced them to play more conservatively. Redlands moved to a 10-6 lead at halftime, and continued playing hard in the second half. Tech, without substitutes after two men fouled out in the third quarter, was forced to play even more conservatively. Bad breaks and dubious calls by the referees sufficed a few apparent goals by Tech's shooters and the game ended. After 59 fouls had been called, with Redlands on top, 24-11. Steve Sheffield had a good day, scoring eight goals, while Russ DeSiderio, Jim Jakway, and Tim Hight got one apiece.

In their second tournament game, against USCDS, Tech quickly reached its height of futility, as none of the 13 shots from the field found their mark. (Tech shooting for the entire tournament was 2 for 42, from the field, for a .048 percent.) Foul again took their toll—for the last two minutes the Tech players made a man short because they had bad only one substitute and had fouled out. The final score was 11-0, Caltech 2.

The story was almost the same against Claremont-Mudd in the third game of the tournament. CM was ahead 2-1 late in the second quarter, but two Tech mistakes gave them a 4-1 lead at halftime. Again two Techers fouled out in the second half, but the on-the-spot recruitment of Steve Afflamm allowed Tech to play with a full team after the second man fouled out. The final score was 6-0, Caltech 1.

Coaches Bert LaBarucherie.

Russ DeSiderio and Steve Sheffield scored the only two goals from the field, while Steve also connected on four penalty shots.

This year's water polo team finished with a 4-7 won-lost record, as they were 2-1 in conference games. With the loss through graduation of seniors Steve Sheffield, Tim Hight, and Tom Coates, next year's tankmen will be determined, there is no pole jumper. We have only one man in the shot and discus, the sprinters, and the 440, but of course we will not turn down candidates in any of the other events. Rick Sloan, a member of the 1968 Olympic team in the decathlon, will coach the field events, and with his experience, will be of great value in helping anyone with or without experience. We compete in a very touch league, and we need all the candidates possible. Anyone interested see me in the Athletic Center at anytime.

Announcing

Contrary to Popular Opinion (Including the BOD)

The ASCIT Dance is On!!!

Saturday, Dec. 4
8:30–11:30

Further details will be posted.

Garble Tom
Continued from Page Ten

Garble Tom got sick.
Not too long after this, the breakthrough came. Garble Tom went into the laboratory where the electronics professor was experimenting with the effect of various sounds on jamming the bats' sonar. Continued on Page Twelve

Yesterday's Results

Wrestling:
Caltech 39, L.A. City College 12.
JV Basketball: Rio Hondo Academy 106,
Caltech 56.
Variety Basketball: Caltech 46, LIFE College 43.
Come One, Come All to the
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To be held at the Freshman Baseball Diamond
Friday, December 3rd, 1:30 p.m.

a public service announcement brought to you through the courtesy of The California Tech.

Garble
Continued from Page Eleven
A number of captured bats sat in cages. The professor was in the next room, looking at something, and Garble Tom was messing with the sound generator, when the professor suddenly shouted, "Hey, what did you do?"

"I was just turning these knobs and pushing these buttons. Why?"

"Every bat in the place is mesmerized. They're all staring at the sound generator. Don't touch a thing! Let me see the settings."

This took a while, of course. For several weeks there were news stories regularly about the progress the scientists were making, and the mountains were sprayed for the night-blooming fatalities, so the whole sequence of sounds. Eventually the bats had not managed to sneak this silly article into his script. Just to be obnoxious, he read it anyway. "Mrs. Andover Woodbine, who is four feet, eleven inches tall, has completely thirty years a cleaning lady at the Orpheum Theater, today, so let's have some applause for little Orpheum Annie."

Audience
Continued from Page Seven
Garble Tom made a special point of watching the news, but George Panton ended his show without a word about it. His last item was a public service announcement brought to you through the courtesy of The California Tech.

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Thursday, December 2, 1971