

"I don't care what you say, I get to play in the bedroom scene."

ASCIT and BOC Nominations End

Meeting in a high-security session on Monday night, the BOD brought nominations for both BOC representatives and class officers to a crashing climax. Bluffing their way past the armed guards at the door, the fearless minions of the Tech extracted the names of the nominees.

The pickings will be slim when this year's juniors elect their officers for next year. For senior class president, George Sharman will oppose Erik Storm, while the office of vice-president will go to John O'Pray, the only candidate. Luther Perry, using some last minute finagling and a sob story, managed to glomb on to the secretaryship with the influential department of the exchequer going to Bob Miller, and with Don Blair the new athletic supporter.

Next year's juniors are more gung-ho, with the presidency being contested by Mike Saulny, Len Erickson, and Sam Logan, and the vice-presidency by Les Wright, Craig McAllister, and Lee Johnson. Chuck Wolfe and Dave Shirley are the choices for

secretary, Greg Brewer and Jon Haviland for treasurer, and Ralph Kimbrell and Henry Dewitt will jockey for the jock office.

Naturally, the frosh are the

(Continued on page 3)

IHC to Ratify Definitions and "Formalize" Position

by Eric Young

After two years of occasional editorials in the *California Tech*, consideration by the ASCIT Excomm, an actually contested election, and finally much discussion by the student body, the Inter-house Committee Definition is undergoing final ratification this week.

Originally presented to the present IHC after the student body rejected the proposed inclusion of that body into ASCIT, the Definition has since consumed a large part of the IHC's time.

The need for formalization of

"Philadelphia Story" Playing Through Saturday Evening

Under the exuberant directorship of Caltech karatist J. K. Evans, the Drama Club presents a story of love, intrigue, sex, and sin—"The Philadelphia Story"—tonight through Saturday evening in Culbertson Auditorium.

Dinah Malaprop

The sophisticated divorcee Tracy Lord is about to marry again, marry George Kittredge, a boorish prig who has "worked his way up from the mines." Staunchly arrayed against this unlikely union are the mighty forces of the lecherous old Uncle Willie, the salacious-minded little sister Dinah, and the spirited first husband Dexter. Dinah, a cross between a junior grade Miss Malaprop and a teenage private eye, engineers to have the quick-witted Dexter always present; and he engineers to irritate the moralistic Kittredge. The whole proceedings are repulsively recorded

by Conner, a Communist poet working for a cheap capitalistic magazine, and his very bourgeois mistress Elizabeth.

Dawn dip

After a wild drinking party both Conner and Tracy blow their cool by taking a pre-dawn dip, together, stark naked, in the hidden pool. This is all observed by the shocked Kittredge, the chuckling Dexter, and the always-nosey Dinah. Kittredge is next to shoot the cool by an insincere attempt to reform Tracy. The whole show goes out in an

exciting and unexpected wedding march, with Tracy attached to another man.

Despite a slow start, the play warms quickly, and is a very competent job. The buxom Holly St. Clair as the ebullient Dinah does a fine job in and out of tight sweaters. Don Lowe is a convincing and wonderful ex-husband as Dexter; the married virgin, the goddess of the Moon Tracy Lord is excellently played by the lovely grad Susan Novalis.

Foolish Frosh Choose Options: Fates Sealed

by Firestone

Signing away the next three years of their lives, 65 freshman have chosen physics as their option instead of going into science. The second most popular choice was mathematics with 38 signees followed by engineering with 31 and chemistry straggling along behind with 18.

Last year the chemistry department reeled in 31 frosh for chemistry and six for chemical engineering. However, this year's 18 in pure chemistry were accompanied by only one Ch E. The big loser this year was economics which failed to grab any of the unsuspecting freshmen; this was one short of last year's record. The history department got its first student and English got three, thereby, tripling last

year's total.

In the other options, there were 12 choices for astronomy, nine for biology, four for geology and five which have yet to be heard from.

The physics department had a gain of nine students over last year; also gaining over last year were astronomy (5), biology (2), geology (4). The math department had six fewer than last year and engineering had 13 less, continuing a trend of recent years.

Last summer the '69'ers were asked to indicate probable options and the choice then showed 65 for physics, 36 for math, 28 for engineering, 5 for chemistry, 41 undecided, none in English, history or econ and the others scattered in random curricula.

Notices

POWER MONGERS ARISE!

You may eventually rule the world if you hear "Political Activism for Scientists" presented by the YMCA in Winnett Lounge at 7:30 p.m. next Wednesday, May 25. Drs. Daniel J. Kevles (humanities), Aron Kuppermann (chemistry), and Bruce Murray (geology) will present a short speech on the possibilities of scientists controlling the uses of the products of science through influence in the government. A general discussion period will follow.

CULTURE AT HALF-PRICE!

Discount coupons are available now at the Y office and at the Genial Abbot's for the summer season of the Hollywood Bowl, starting July 5. Personal presentation of a coupon at the box office affords the holder a 50% discount to Tuesday and Thursday night performances of such stars as Van Cliburn, Duke Ellington, Marilyn Horne, and Robert Merrill.

GRAFT AND CORRUPTION

All those hardy souls interested in working on next year's Big T, and in getting some of the infinite ASCIT graft and corruption, should come to the Big T office either tonight at 7:30 or Tuesday night at the same time. No experience needed!!

FEEL A DRAFT?

The fourth and final test in the

current series of the Selective Service Qualification Test will be held on Friday, June 24, 1966. Any registrant who is not now scheduled to take the test on one of the dates previously announced must apply no later than June 1, 1966. Anyone interested in taking the test may obtain applications and further information at the Registrar's Office.

TOO LATE—YOU MISSED A FREE STEAK

This very afternoon the Annual Spring Sports Awards Barbecue is having huge steaks to fete Caltech's finest. Athletes, if you missed making reservations, come anyway and pick up your award at 4:30 in the Tournament Park Picnic Area. Come and hear Dr. Langmuir, the M.C., tell funny stories.

URGENT PEACE CORPS REQUEST

Teachers are urgently needed for the Pacific Trust Territories in Micronesia. No Peace Corps qualification test will be necessary. Training will begin this summer. See the YMCA for special applications and brochures.

THE ASSOCIATION

The sensational local group ("Along Comes Mary") will be giving a benefit performance for the AFS at John Muir H.S., 8:00 p.m. this Saturday. Admission is \$1.50 contribution and even Teckers are invited.

Alinsky Ends Visit by Irritating White Liberals and Poverty-war

Saul Alinsky, YMCA Leader of America, continued to explain his approach to the problems of political and economic deprivation in the remainder of his visit to the Caltech campus through last Friday.

Following his appearance in Winnett Wednesday at the ASCIT Assembly hour, Alinsky appeared at the joint ASCIT-YMCA Coffee Hour, and then presented his major address in Beckman that night. In that address, Alinsky identified himself with the same traditions which molded the thought of the men who drafted the Constitution. He pointed out that men like Jefferson, Jay, and eventually Hamilton, had realized that the democratic ideal could not function if significant segments of the populace were denied political and economic power. Alinsky then opened the floor for questions, stating that he wanted tact and

politeness left outside. The ensuing question session lasted two hours.

Thursday afternoon, Alinsky met in Winnett Lounge with a panel on the War on Poverty. The discussion centered around Alinsky's statements that the War on Poverty, as presently constituted, was being used as a sop to keep the animals from rioting. As such, the funds do nothing to help Negroes gain dignity and equality.

Friday, Alinsky met with a panel at the offices of the American Friends Service Committee ("Another panel?") Alinsky again made himself the White Liberal's polecat by defining reconciliation as "when we get enough power to get what we want done, the establishment gets reconciled." Friday evening, Alinsky spoke to the Friends of the Caltech YMCA, and crossed several times the fine line between "abrasive critic" and "militant boor."

the IHC has been felt by some off-and-on for many years, but it seems that past IHC's have never really cared enough to do anything about it. Particular concerns of past would-be IHC formalizers have been the question of how many Houses need approve a matter before it is binding on all, what role the IHC is to play relative to ASCIT and the Student Houses, and what responsibilities, powers, and bounds should restrict the IHC.

Hurry up please, it's time!

The cry for IHC formalization reached a new peak during the three years after the IHC was given major importance with the reinstatement of rotation. The result was the Excomm recommendation that the IHC be formalized as part of ASCIT, since it seemed the IHC would never do it themselves. When an appeal to House loyalty and a vague fear of an ASCIT power grab defeated this measure, the present IHC decided the time had finally come.

Since the IHC is an organization composed of House governments as opposed to students (as ASCIT is), it was felt that a straight-forward statement of policies, procedures, and purpose was required rather than a constitution. Thus, the term "definition." The Definition was based on the Excomm's proposal, the only essential differences lying in the provisions for the IHC Chairman and Secretary, and in various provisions necessary to the existence of a separate body.

The Definition provides for a minimum of four Houses' consent to any action of the IHC and also requires the presence of four House representatives for any legal meeting. The IHC

(Continued on page 4)

Editorial

Caltech Coaching

Yet another letter carping about the Caltech coaching system appears in this week's **Tech**. Because the coaches, perhaps considering themselves too pure and sacred to deign to reply to worthless student opinion, have maintained a circumspect silence, the next best thing is a reply from the editors.

Swellheads

In the first place, all this talk about good athletes at Caltech is just so much bragging, reflecting the inflated self-esteem of most Caltech undergraduates. Since when is Caltech teeming with athletic talent? Where are all these brilliant stars, awaiting only the proper coaching to get out there and win? Exactly one Caltech undergrad ever went to the Olympics, folks—in the javelin. We've been in the SCIAAC cellar for a while, and as long as we're the hardest school in the country to enter, we'll probably stay that way.

Secondly, Dean Bond was temporarily filling a post while a permanent wrestling head coach and assistant football coach was chosen. The new coach has been chosen, and it is not Bond. If the new coach is a poor one, then we'll have grounds for complaining about the coaching system, but let's wait until Bond's successor has a chance to show his stuff.

Now about the coaching philosophy here at Caltech. Academics dominates athletics in this school, and the easygoing coaches merely reflect that fact. If we had a Spartan coach, he would naturally expect his players to put athletics above all; everyone would laugh and quit the team. It would be unfair to the majority to run a professional ship.

Self-righteous

Finally, the reaction of the coaches to any criticism of their methods leaves a lot to be desired. The typical reply is that students don't know anything about coaching and should keep their mouths shut. Is the purpose of coaching to please other coaches, or is it for the students? And why the pontifical silence? Is it that the coaches have nothing to say?

—Meo
Middleditch

Barefaced And Greedy

At this very moment the Student Houses are being cheated out of much of their limited supply of money for repairs made by B&G which are, more often than not, totally unnecessary. In addition to these injustices, the methods of making these repairs are stupid, inefficient, and extremely costly.

For example, there is the case of the roof repairs on the Old Houses. Not only have many of these been inefficient (with five men sent to do the job of two) but due to claims that the "right" tiles are no longer being made, they have been unduly expensive. Naturally, the Houses bear the brunt of the cost for such "antiques".

When one House had taken the doors off their lounge to accommodate their Interhouse Dance setup, B&G promptly replaced all of these doors without warning and before the students had a chance to do the job themselves. Adding insult to injury, the House was charged for replacing two more doors than had been taken off in the first place!

The list of graft and inefficiency goes on ad nauseum (one wonders whether it was B&G men who were the initial butt of the "Polack" jokes). The student complaints fall into three general categories, the first being that the Houses are often given no warning that a repair is going to be made. The House treasurer is presented with a bill of the fait accompli. The second is that if such warning is received in time, it is nearly impossible to stop the repairs, even if they are totally unnecessary.

The third is that the repairs charged to the Student Houses are for items that have not been caused by student activities per se, but are due to a fault in the buildings or the workmanship that went into them. Such repairs, if billed to the students at all, should be absorbed by the room and board paid by the students at the beginning of the term and not to the House which happened to take the brunt of jerry-building construction. A further complaint is, of course, the outrageous charges.

It also seems strange that, while our tuition, room, and board rival that of the most expensive colleges, the rooms and living space given to the average student are relatively the most austere. These living conditions and high prices tend to drive students off campus, where they are no longer paying through their noses for sub-standard living conditions.

Now is the time for action and IHC is already planning some collective action. One solution would be to establish control over repairs by mobilizing IHC forces and coordinating with the Housing Office so that the students have a say about where their money goes. The Houses are no bargain, but as long as we're living in them, we should make the most of the situation.

—John Middleditch

Letter

Editors:

I would like to make this statement in addition to the letter printed in last week's **Tech**.

Having read the article on Caltech athletics in last Sunday's **Los Angeles Times** and having been indoctrinated with Caltech's "emphasis on participation" in athletics, I find such a philosophy good in theory but lacking in practice. The teams here actually are run on such a basis, but it is often at the expense of developing the few really good athletes that manage to find their way here.

Not hard enough

Workouts are seldom as hard as they should be and no penalty is given for missing practice, because the coaches are afraid everyone would quit. This situation has resulted in the loss of some of the good athletes while the mediocre players stay with the teams. These good athletes have been taught that "when the going gets tough, the tough get going," but they find little "tough going" in Caltech athletics.

Why?

As a member of the Caltech football and track teams, I have respect for most of the decisions of Coach La Brucherie, but I see no reason why the responsibility of coaching should remain solely with him. The few good assistant coaches that come to Caltech don't seem to stay long, which makes me wonder if the "powers-that-be" in the athletic department are afraid of having hard-working coaches and possible winning seasons at Caltech.

Academically Caltech is run for the top students. Why not give the top athletes the same treatment?

Dick Harley



"Dylan"—comical, yet serious; happy, yet sad—a swiftmoving delight written by Sidney Michaels, is now playing at the Stage Society Theatre in Hollywood. Dylan Thomas was a Welsh poet (or better still the Welsh poet) of the twentieth century, a fast-living man who felt no shame in staying drunk for days and spending those nights with some obliging young lady.

Sex

John Harding's portrayal of the more-often-drunk-than-sober Thomas provided many laughs as well as serious moments. He brought down the house by nonchalantly squeezing the diminutive pectoral appendages of a secretary. Later, all whispers and snickers disappeared as he described how his life story is contained in the nursery rhyme "Baa Baa Black Sheep."

Dephi Lawrence gave an excellent performance as Caitlin Thomas, Thomas' wife and the mother of his three children. Caitlan was the female counterpart of Thomas, she was "the woman Dylan would have been if Dylan had been a woman."

Paul Carr, Lee Meriwether (Miss America of 1955), and Pitt Herbert supported in roles of John Brinnin, organizer of Thomas' lectures throughout the United States; Meg, Thomas' mistress and unofficial business manager; and Angus, the ever-present publisher.

El Camino Real

The show played to a packed house, even though this is its third month at the Stage Society. There were several Caltech students who had taken advantage of the YMCA's offer to defray part of the expenses. Those of you who enjoy an oc-



by Ring

The current show at the Ice House, Pasadena, while it features none of the big-name acts often seen there, proves to be an enjoyable and varied one.

Richard and Jim, the lead act, are a spirited blue-grass duo, adept in close-harmony and fast picking. Jim's banjo, harmonica, and dobro playing lend variety to the act, and his voice is straight from Tobacco Road, twangy and drawling. Richard's guitar playing is reminiscent of the old Carter family style.

Old backwoods humor

As is typical of Ice House stars, Richard and Jim liven up their act with humor in line with their style. Theirs is strictly backwoods drollery and harmless digs about the smog and waterless rivers. Most of the jokes are old, but Jim's style of presentation puts them across quite well. Although relatively unknown, Richard and Jim are a fine act well worth seeing.

Troy metamorphosed

Those who remember David Troy from his appearance at the Ice House last year may be surprised to see his new act. He has discovered that his rich voice and good looks are much greater assets than the nylon string guitar on which he used to pluck away in early Burl Ives style, and has turned to a pop vein. With an electric guitarist and a

bass player backing him up, he now sings everything from "Yesterday," by the Beatles, to a Mason Williams comedy number about the problems of modern living, to folk songs. As always, Troy's voice and appearance are impressive, and, with material that gives him a chance to show them off, his act has improved greatly.

Biting Miss America

The third act on the bill is the comedy team of Dick Clair and Jenna McMahon. Their main field is satire on television and related topics. One sketch on the Miss America pageant was especially biting, and Clair's imitation of Bert Parks hit the mark quite well. Their material is fresh and clever, and they should become well-known in the future.

In short, the show running at the Ice House from now until May 29 provides humor, talent, and variety. It is definitely worth seeing.

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by Hinkle

casional escape from the books should heed these opportunities to gain culture at a reduced rate (somehow that sounds like taking the non-existent "royal road to geometry"). I don't know how the YMCA selected "Dylan" as the play they would like the students to see, but it was a good choice and a pleasure to all those who attended.

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Prevaricator Philp to Come to Beckman

Gary Philp, who describes himself as "a first class liar," will appear in Beckman Auditorium this Saturday, May 21 at 8:30 p. m. Philp, having previously lied up and down the walls of Dabney Lounge, will be seen again along with his world-famed forked tongue and his guitar accompanist, Joe Corporan.

Philps, who favors math majors for an unbiased audience, will tell tales filled with sex, violence, and pathos designed especially for the emotional needs of the root mean Tecker. One of the featured stories will be Bradbury's love story about a sea monster and a foghorn (not unlike traumatic experiences of Teckers with blind dates).

Also featured is Thurber's "Uncorn," a grisly murderer of gadgets and the exquisite (the Tech staff suspects that this too may also be slightly ribald) poetry in Garcia Lorca's dramatic epiphany to a bullfighter. Many other tales either too horrible or obscene to mention will issue forth from Philps' poisoned tongue.

Tickets are still available at the Beckman Office for those willing to brave a barrage of falsehood.

Flying Club of The Wild Blue Buys Airplane

The Aero Association of Caltech (Flying Club) purchased in late April a 1965 Cessna 150, made possible by gifts from people interested in the future of aviation and its progress at Caltech.

Now that the club has an airplane, a program of flight preparation and instruction for the member student pilots is being formed. The Flying Club has the assistance of Mr. and Mrs. Critchell of the Bates Aeronautical Foundation, who will help in the formation of this training schedule.

The teaching methods employed in the Club will be patterned after the Bates program. This program will include a ground school and the instruction necessary for a beginning student to shoot for his private license. Also, members wishing to obtain advanced ratings such as the instrument or commercial licenses will have opportunity to do so.

\$100 refunded

For all rabid aviation enthusiasts, the cost structure is as follows: the member deposits \$110 in the club, and the monthly dues (\$7 per month) pay for the fixed costs associated with the plane (such as insurance). The cost to fly is \$6 per hour—a figure which includes gas and oil and the necessary maintenance. This is significantly less than the \$11-12 per hour charged at commercial schools, and of course this saving (which amounts to about \$250 by the time one gets his private license) is one of the advantages in a club. Besides, the members feel that they receive a more comprehensive training and fly a better-maintained airplane.

The club, which is open to all students, faculty, and staff, has openings for four additional members. Those wishing to join should contact David Cartwright (Ext. 2020) or Ray Thach (Ext. 1542).



"Don't look now, but there is a queer Tecker in the front row."

The Latest Dope

Newest Developments in Astronomy

In the past week, the astronomy department has announced a new telescope, new work in astrophysics, and a prophecy of doom.

The new telescope is a 60-inch reflector to be built on Mt. Palomar. The research was done by Dr. Robert F. Christy on RR Lyrae stars, used in measuring cosmic distances. The prophecy of doom was issued from the Eternal City by Dr. Leverett Davis about the slowing down of the sun's rotation.

60-inch hot dog

The new 60-inch telescope is designed to have fairly high magnification over a wide field of view. A three-story, \$1,000,000 observatory will be built to house it, named in memory of the late Oscar G. Mayer, whose family is donating \$250,000 to construct it. Work on the project will begin with the grinding of the quartz mirror here. It is hoped that the telescope will be completed in 1970.

The new telescope should be able to transfer much of the direct photographic and photoelectric work now done at Mount Wilson to the new instrument at Mount Palomar. This is made

more urgent because of the deterioration of conditions for these observations at Mount Wilson.

This should free the two large Mt. Wilson telescopes for observing bright objects and for spectrographic studies, which are not affected by the bright sky background of Los Angeles. This will also free the 200-inch from much of the photometric work on moderately faint objects, making it more available for the observation of the very faint objects it was designed for.

Computer models

Dr. Christy's research uses a significant new method of using a computer to simulate the behavior of stars. He feeds in data of masses, luminosities, surface temperatures, helium contents, and other useful parameters. He also puts in equations from the applicable laws of physics. The computer simulated some 100 possible models of the stars, which Dr. Christy then compared with the observed properties of the stars, to determine which corresponded to reality.

Hot throbbing star!

These RR Lyrae stars are pulsating stars far along in their

Hardboiled Hershey Harasses Humorously

On the first morning of its four-day stand, General Lewis Hershey's production of "Damn Yankees" packed Pasadena City College's Sexson Auditorium with 2400 awed onlookers Saturday.

In blatantly showing that college admissions boards spend time worthlessly, the Selective Service subjected all to a test which had as one of its more profound effects ruining the day for all who somewhat less than jovially submitted to these diluted college boards.

Jocks rule

For most, arriving promptly at 8:30 a.m. and then not beginning

the exam until 10 seemed like a truly profitable waste of time. Advanced notation and information transcription occupied the testees during that period. The test itself was actually a distinguished physical examination, for only the fittest test-takers could perform efficiently without soon seeing spots before their eyes. Many students thought the test to be a battle between concentration and daydreaming, the latter often winning; some finished early and thereafter practiced catnapping, fingerprinting, yawning, and staring through the windows at the Pasadena skyline.

Marxism

As a guide for future test-takers, here is a question typical of those the subsequent exams will probably include.

Consider the following passage:

"To discover truth through practice, and through practice to verify and develop truth. To start from perpetual knowledge and actively develop it into rational knowledge, and then, starting from rational knowledge, actively direct revolutionary practice so as to remould the subjective and objective world. Practice, knowledge, more practice, more knowledge; the cyclical repetition of this pattern to infinity, and with each cycle, the elevation of the content of practice and knowledge to a higher level. Such is the whole of the dialectical materialist theory of knowledge, and such is the dialectical materialist theory of the unity of knowing and doing."

Question:

- The author is:
- a card-carrying Communist
 - "full of sound and fury, signifying nothing."
 - a perfect square.
 - pleading to his draft board.
 - trying to amuse the reader.

By definition

Rumors abound that the government is thinking of testing voting qualifications soon. Informed sources say that one question merely requires a proof of Fermat's Last Theorem—or, for the less gifted, a disproof.

Vote the Party Line, But Vote

(Continued from page 1)
most power-hungry of the three classes, with no fewer than five candidates — Pericles Nicolaidis, Lonnie Martin, Chuck Allen, Bradley Berry, and Jim Leiningner — seeking the presidency. The vastly important position of vice-president will go to either Frank Johnson or Gregg Wright, and the scribeship to Steve Harper, Mike Henerey, or John Ottensman. Molester King, Larry Shirley, and George Johnson are greedy for the money, and those massive he-men Tom Beatty and Greg Evans will hulk it out for the office of athletic manager.

The Darbs seem to be screwy, leading the league with five candidates for that well-known agency of the powers of

darkness, the BOC. They are Mark Satterthwaite, Will Manning, Joe Jeffrey, Stacy Langton, and Dennis White.

Next is Ruddock, with Frank Griswold, Erno Daniel, Terry Bruns, and Rob Dickinson yearning to join the ranks of the secret police. Following Ruddock are Fleming, with Mike Saulny, Tom Beatty, and George Sharman; Lloyd, with Craig McAllister, Les Fishbone, and Robert Piccioni; and Page, with Dave Goodmanson, Alan Porter, and Michael Caloyannides. Blacker has two candidates, Dave Kincaide and Hugh McCulloch, and Ricketts one, Larry Dillehay.

Elections for both the BOC and class offices will take place today.

Arthur Plant's garden party was something to behold.



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Spring Soccer Practice Promises Bright Future

by Hunk

May is here once again, the time when all good soccer players get an itch in their legs. To satisfy the overwhelming urge, spring practice has started; after last season, which might be called a rebuilding year, prospects look excellent for the fall. With two exceptions, everyone from last year's varsity is back, and several new players have joined the roster.

With about 25 players out for practice, there is plenty of depth at every position. Mike McLeod, Rufus Woody, Ken Young, and Shamsherali Kamani are back to play on the front line, and with the addition of George Balanis the attack, which suffered much last year, should be very good. Everyone has a year's experience playing together, and Balanis is going to be a real star at inside forward.

Hot seasoning

The defense, which did reasonably well even last year, has everyone returning with a year's worth of seasoning. Paul Bartlett, Peter Balint, Len Erickson, Harvey Butcher, and Ron Gregg are the backs. Walt Innes, the bulwark of the team's defense during the last season, and Shahbaz Noorvash have not been able to come to spring practice, but should be ready to go in the fall.

The only unknown is the goalie position, where two new players are vying for the spot. Dave Kuehn and Andy Duell have been showing their talents in scrimmages, but it is still too early to determine their merit.

Les Fishbone, last year's goalie, is playing on the forward line, but might still end up in the goal mouth next year.

The team as a whole has tremendously improved; the scrimmages look better than most of last year's games. The team has a very good chance to win its division, which includes Loyola, Occidental, UCSB, USC, and Westmont.

Six-Sevenths Agree

(Continued from page 1)

is given power over rotation, Interhouse and Discobolus athletics, Interhouse Sing, and in general over those matters concerning all the Houses collectively—never one individually.

The major point of contention in the form of the Definition has been many Houses's approval are required for passage of amendments to the Definition. As finally compromised, six Houses are required for passage of any amendment except that a one month waiting period is required before such passage is effective unless all seven Houses agree immediately.

Ricketts Wins By Forfeit

Due to a foul-up in the Ruddock machine, the eligibility list for the Ruddock-Ricketts Discobolus softball game was submitted late, causing the men in blue to forfeit the three points. The game, however, was played off on Thursday afternoon after the Monday schedule was rained out.

Since Ricketts was already assured of the points regardless of

the outcome, the Interhouse softball champs used their bench liberally and all the spectators played. The final score showed this liberality as Ruddock stomped the Scurvs by a 14-5 score.

The last challenge of the year comes from Lloyd in football. The Lloydies have already won the trophy, but Ricketts has a chance to tie for second by winning this game.

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"The Strip" Uncovers Talent at Caltech

The First Annual ASCIT Talent Production, "The Strip," will reveal the human side of life in the Student Houses when it appears in Beckman Auditorium on Friday, May 27. Featuring campus-bred talent, the show stars KNX radio disc jockey Rege Cordic, who will appear as a bewildered freshman, complete with all of the usual first-term traumas.

swing out with The Snake Pit Combo, cleverly disguised as a band of trollish snakes with a few tricks up their sleeves. Pure unadulterated talent will find its voice in the persons of "Steve 'n' Eric"; Dave McKay's classical piano offerings; "Alfin and Villani"; and the "Dessinger Jazz Trio."

acts for \$.50, and the general public may partake for \$1.00. Tickets are available through the Caltech Ticket Office. For information, telephone 793-7043.

In addition to many kicks and giggles, "The Strip" will boast a full complement of esteemed faculty performers, and at least one bona fide girl.

Tickets for ASCIT members are free, Caltech personnel may thrill to these many astonishing

Frosh Camp Counselors Enumerated

Dean of Freshman Foster Strong recently announced the counselors for the 1966 new student Camp. The impressive array of talented young men includes Terry Allen, Peter Bloomfield, Ben Cooper, John Cummings, Rob Dickinson, Bob Drew, Len Erickson, John Eyer, Les Fettig, and Rob Geritsen.

All the counselors are responsible for writing letters to next year's freshmen, which serves to make even larger the already huge torrent of mail a new frosh receives. Other counselors are Tony Gharrett, Dave Goodmanthorn, Jon Haviland, Tim Hendrickson, Farriel Hinkle, Ed Kelm, Greg Kourilsky, Fred Lamb, Sam Logan, Gregory Lutz, and Craig McAllister.

Dan Nemzer, Shambazz Noorvash, Jim Pearson, Bob Piccioni, Mark Satterthwaite, Gary Schnuelle, George Sharman, Greg Shuptrine, Martin Smith, John Stevens, Dave Van Essen, and Eric Young bring the total to thirty-five. At the camp they will try to give the freshman some preview of things to come. Traditionally this preview is grossly overpessimistic; but since the frosh never believe a word of it, no real harm is done.

Conger Prize!!

Ron Drucker won first prize and Dan Metlay second in the 55th Annual Conger Peace Oration Contest, held in Winnett Lounge yesterday.

Winning \$50 in prize money, Drucker advocated the foundation of a Teachers' Corps to assist secondary education in underdeveloped nations. His and Metlay's names will appear in the 1966-67 School Bulletin.

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Zirin Lights up Solar Flares

by Dexter

"The trouble with looking at too many pictures of solar flares is that sooner or later you realize that none of the theories fit," commented Dr. Harold Zirin, Caltech professor of astrophysics, at the last Monday Night Lecture of the season.

A new necessity for predicting solar flare activity is rising because of the forthcoming Apollo moon shot. "About once or twice annually," Dr. Zirin said "at the height of solar fare activity, a flare occurs which would give a man in space a lethal dose." Unfortunately, at present, their best method of prediction is along the lines of a primitive weatherman—"It rained yesterday, it'll probably rain today."

Dogma takes gas

Contrary to popular belief, sunspots themselves do not cause the short-wave radio fadeout, magnetic variations, and so on, which one associates with solar activity: These are caused by the high-energy particles emitted by solar flares, themselves invisible in ordinary light.

The flares have considerably less energy than the sunspots they are associated with, but by some funneling action of the magnetic field not yet fully understood, the energy in the flares is mostly in high-energy particles and X-rays.

Rarely seen nude

Because the atmosphere in the area in which the flares occur is so rarefied, they are invisible to the naked eye. They are observed by making photographs in hydrogen-alpha light, taken through filters which pass light with only a half-Angstrom bandwidth. By taking pictures simultaneously through filters which pass the center, top, and bottom portions of the H-alpha line, astrophysicists can tell (by the Doppler shift) whether a certain feature is rising, falling, or remaining stationary, and roughly how fast.

Energy balls

One indication of possible flare activity is a "bedraggled" looking group of sunspots. Examination under H-alpha light will show a ball of high-energy plasma which forms, in a pocket in a magnetic field. After sending out a few spurts of plasma, the bubble suddenly bursts in what is known as the "flash phase," sending out streamers and a magnetic shock wave at speeds on the order of 1500 km. per sec. This shock wave is violent enough to drive prominences sitting on the magnetic field up and down with a high enough velocity to Doppler them out of the range of the half-Angstrom filters.

Maarten Schmidt, of TIME Fame, to Explain Quasars

Dr. Maarten Schmidt, world famous professor of astronomy, will speak at the Freshman Dinner Forum, May 20, at 6:00 in Chandler Dining Hall. All graduate and undergraduate students are invited.

Dr. Schmidt is an expert on his topic for tomorrow night, "The Great Quasar Question." As *Time Magazine* stated in its March 11 cover story on Dr. Schmidt, "By decoding some of their (quasar) signals that have been so long in transit, the Dutch-born astronomer has upset the familiar pre-quasar universe of stars and galaxies."

"He has rocked the worlds of

astronomy, physics and philosophy. He has undermined established theories and stimulated fantastic new ones, provoked scientists into bitter controversies and brilliant hypotheses."

The program will begin at 6:30, following dinner. Undergraduates should sign for a meal transfer in their student houses before 7:15 this evening.

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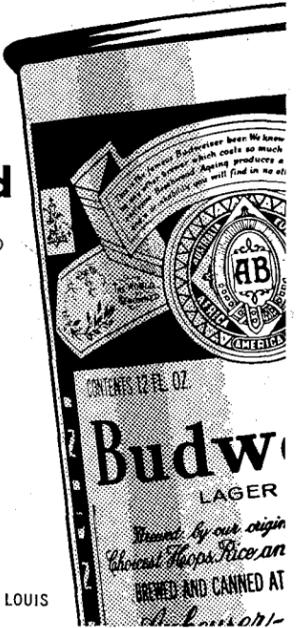
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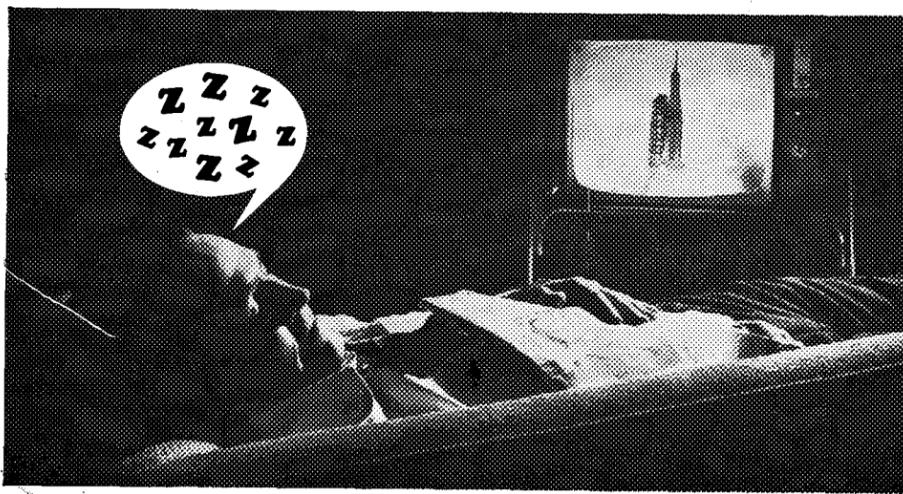
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