

NIXON DEFINES PHILOSOPHY



—photo by Thor Hanson
Dave Ollis passes to Pat Manning in Saturday's game with the Alumni.

Gubernatorial candidate Richard M. Nixon spoke on campus yesterday morning as the second half of the ASCIT Assembly Committee-YMCA election program. Over 1500 students and Pasadena citizens were present on the Athenaeum lawn in the follow-up to Governor Brown's talk two weeks ago. The format of this program was the same as Brown's, consisting of a speech by the candidate followed by a question period. Nixon's speech, however, was televised by CBS.

Nixon began by stating that the issues in a state election such as this numbered in the hundreds and could not possibly be discussed thoroughly by a candidate in such a short talk. For that reason he decided to define his philosophy for mak-

ing political decisions so that the audience would know how he would decide on issues if he became Governor. He left the development of specific issues of importance up to the audience during the question period.

In defining his political philosophy, Nixon used what he called "three myths" in politics, and explained his stand on each of them.

The first myth was that government is "better motivated" than private enterprise and therefore should be called upon to perform all major projects. Nixon said that his stand on this matter is to perform projects privately and resort to the government only when private enterprise cannot handle the job. His reason was that private enterprise, tends to show more creative effort and better results than the government.

He defined the second myth as the idea that it is better for the national government to do something than the state government. In refuting this Nixon said that a better government in Washington means a better government at home. He stated that he is firmly in favor of strong state and local governments, and of making them reliable, responsible ones.

The last myth, Nixon said, was the idea that the candidate who wants to spend the most to carry out a program is more concerned with the people and therefore the better candidate. This, he said, was not true. In actuality the candidate who offers to solve the problem for less has probably put more thought into the matter and is probably more deeply concerned with the welfare of his state.

As an illustration of the last

point, Nixon turned to the state welfare program. He said he favors continuing and even increasing the generous aid to the aged, handicapped, and blind, but said California can not long carry on with so many chislers on the welfare payroll, and supports modifying it to eliminate them.

Most of the questions during the following period pertained to Nixon's recent statements against people who had refused to answer a Congressional Investigating Committee or Grand Jury when asked if they were Communists, and people who had refused to register as agents of a foreign power after being ordered to do so by the Attorney General's office. Nixon reaffirmed his stand on this subject and stated that he did not believe these people should be given the dignity of speaking in public supported campuses or allowed to teach in public schools because of their refusal to aid in the apprehension of enemies of their country.

Initiation Rigors Told

BY RICK CLAYTON

On the afternoon of Friday, September 28, I reached the end of my first week at Caltech with relief and the prospect of a weekend of snaking. If I had only known! After dinner, we were given a blind tour of the campus, followed by a collection of rules and recitations to be learned for the coming week that made the threat of a "pop quizz" seem trivial.

The daylight-type Monday dawn illuminated red shirts, blue bonnets, and brown shirts with insignia ranging from the questionable to the more questionable. Those to whom this sight was new were betting that Caltech would never survive, while those who were familiar

with it were assuming that the Frosh would, whether they liked it or not.

It the evenings there were, of course, the water fights, the most notable one beginning Wednesday evening at 8:00. It was uncertain, however, just who was battling whom, until Fleming settled the matter with a fire hose from a second story window. This brought instant reprisal from the other six Houses by their massing outside Fleming's Alley 1, where they made a perfect target for a second hose from within. Not to be outdone, the Defenders of the Honor of the Olive Walk brought several water balloon catapults, and more balloons. A hose was hooked up, but it erupted prematurely inside Ricketts. At that point, a request from some unidentified faculty member for police intervention was answered with, "Hell, all the riot equipment we got's fire hoses!" Two hoses were finally put into service against the adversary just as suds were added to the water.

(Continued on page 2)

Tech Receives Research Grant

The National Institute of Health has allocated Caltech approximately \$100,000 a year for a seven-year program of research into immunochemistry, including studies involving allergic reactions. Under the direction of Dr. Dan H. Campbell, prof. of immunochemistry, and Dr. Justine S. Garvey, senior research fellow, the program will involve some new projects, but funds will be basically used to support work already in progress.

Research into the chemical structure and physical properties of antibodies will continue, as will work concerning the antigens, which are the viruses and other foreign proteins which attack the body. A portion of the funds will go to support the continuation of attempts by Campbell to isolate parts of ragweed pollen that cause allergic reactions. Several new studies concerning the detection and behavior of antibodies are planned.

The grants will make possible replacement of old equipment and the purchase of new, including new radioactive counters for isotope tracer studies. Caltech's immunochemistry group is known throughout the world for its work, and has published over 130 papers describing procedures and techniques of the science.

ASCIT Board Finally Meet

ASCIT held its weekly meeting Monday night at 7:35 p.m. The Board officially noted that Larry Gershwin has resigned as editor of the *California Tech*, leaving the paper in the uncontested control of the Republican party, represented by Richard Karp and J. C. Simpson.

McEliece reported that a Dance Class will begin either next week or the week after.

After hearing a report on the '62 Big T, the Board voted 7-0-2 that no editor's salary be paid to Bob Williams. The Big T still needs pictures and copy from a number of people and organizations. The chief need is for portions of the House Section from the four old houses.

The Board voted unanimous commendation of Dave Helfman for his excellent work on the *Little T*. It was also reported that the *Little T* was such a fin-

(Continued on page 2)

Math Award To Be Given

A cash prize of \$150 will be awarded annually for the best original mathematics paper written by a Caltech junior or senior, with the money coming from winnings of Caltech student mathematics teams in national competition over the years.

In announcing the prize today, Dr. Tom Apostol, professor of mathematics, said the new award will be called the "E. T. Bell Undergraduate Mathematics Research Prize," in memory of Dr. Eric Temple Bell, outstanding mathematician and science fiction writer who was on the Caltech faculty for many years.

Caltech teams invariably do well in the national William Lowell Putnam annual mathematics contests in competition with teams from universities and colleges throughout the United States. In addition to individual winnings, the Caltech teams have accumulated more than \$1,000 in prize money for the Caltech mathematics department, Apostol said.

The mathematics department has decided to use this money to finance the Bell prize, as well as additional prizes for upper classmen and for freshmen and sophomores. These prizes will be announced later.

Contestants for the Bell prize will be nominated by faculty members familiar with their work. The papers will be judged by a faculty committee.

Dinner Clubs' Program Set

Plans for the YMCA dinner programs for next week include two interesting speakers. Mr. John Atkins, Instructor in Psychology and Anthropology, will be at the Freshman Diner's Club on Monday, Oct. 15. Speaking at the Dinner Forum on Wednesday, Oct. 17, will be Dick Schuster and David Clarke.

At the Diner's Club Mr. Atkins will speak on the subject, "The Rites of Passage—How to Make Smoother Transitions." His talk on transitions in life should be particularly valuable to freshman. Atkins has worked a great deal with the application of mathematics to the an-

Morphew Talks On Segregation

Richard D. Morphew of the White Citizens' Council of Jackson, Mississippi, will speak on "The Case for the South" at 11:00 a.m. Wednesday, October 17th, in Dabney Lounge. He will also hold a discussion at 4:00 p.m. in the YMCA. His visit is sponsored by the ASCIT assembly committee.

Morphew is expected to center his talk on the recent integration problems in Mississippi. He will defend Governor Barnett's refusal to admit Negro James Meredith to the University of Mississippi.

alysis of data on human behavior, particularly with computers.

The subject of discussion at the Dinner Forum will be "Arms Control—Is It Possible?" Dick Schuster, a Caltech graduate, works in the Arms Control Section at JPL. David Clarke, a native of England, is currently a research assistant in International Conflict and Integration at Stanford. Schuster will relate the technological aspects of arms control, while Clarke will tell of attempts to understand the sociological and political problems which stand in the way of peace.

Notices

Y FILM SERIES CONTINUES

This Saturday, October 14, at 7:30 p.m. in Culbertson the Caltech YMCA will present the second feature in its film series for this year, a collection of short films entitled "Man's Inner and Outer Worlds." The price is 75c for a single admission. Tickets are available at the Y office or at the door.

MUN APPLICATIONS DUE

Students interested in serving on the Caltech delegation to Model United Nations should submit their names to Marty Hoffman (Ricketts), Dave Barker (Dabney), or Larry Rabinowitz (Page) no later than tomorrow, October 12. Caltech will represent Albania and Continental China at the MUN session, which will be held from April 24 through April 27, 1963, at San Jose State College.

ART EXHIBIT OPENS

The first of a new series of art exhibits at Caltech is now on display in the Dabney Lounge. The exhibit is made up of French color lithographs of 40 artists representing a wide range of style. It will be open from 9 a.m. to 5 p.m. on weekdays and from 9 a.m. to noon on Saturdays.

POETRY WANTED

Poetry is wanted for the new 1962-63 Inter-Collegiate Poetry Anthology. Selections will be based upon poetic merit and, if accepted, all future publishing rights are to be retained by the author. All contributors shall be notified of the editor's decision. Submit to: Inter-Collegiate Poetry Congress, 203 South Third Street, Lewisburg, Pennsylvania.

ELECT SECTION LEADERS

Freshman section leaders should be elected in each section, and reported to Dean Strong's office by Friday noon of this week.

GOLDWATER WORKERS NEEDED

All students interested in working on the planning committee for Senator Goldwater's visit as a YMCA Leader of America should contact any YMCA executive committee member, or Steve Morse in Ruddock.

Editorials

Problem Solved?

Due to repeated requests by students in the new Houses and complaints by the **California Tech**, the new Student House rulings on construction and stuffed furniture have been suspended for the remainder of the term. Any standing construction can remain and new construction will be permitted as long as it is safe and not an obstruction to the maids. Stuffed furniture of any kind can also remain as long as the above criteria are met.

At the end of the term new policy will be decided upon and written into the room contracts. We warn our readers to remember that any gains achieved at this time may disappear when it becomes time to make a final decision, and we hope that student opinion stays firm enough to prevent these restrictions from reappearing in the contract.

—J. C. Simpson
Richard Karp

graduate
rattle

BY FLETCH MURPHY

Now that the subscription drive is over for this paper for the year, I have permission to write this column again. Someone slipped, though; my name was on the masthead last week.

The INA recovered nicely from its beach party next to an aircraft runway last summer to sponsor its opening party at Dabney Lounge a week ago. But at ten o'clock the Lounge cleared out faster than Patterson cleared out of Chicago. The spacious dance floor and flat punch of Dabney were traded for a house with room for the square root of the number of people there and the world's shortest bar. The bar line was

longer than a Castro speech, but the refreshment available lasted the evening, and there were enough girls there that the free-way-like crowdedness wasn't so objectionable.

No More Double Parking

There is a rustle in the wind that the parking problem is gone. The parking places are reserved this year, and Joe Bosom's party house has been torn down (why couldn't they have filled in President DuBridge's swimming pool instead?) to make room for everybody. The only catch is, what do you do when someone is in your place? Cars move so slowly in the lot that if you park in someone else's place, it could start off a

Argue Tonight
On Narcotics

California's narcotics problem will be debated tonight at Caltech by representatives of Gov. Brown and Richard Nixon, the two candidates for governor. The topic of the hour-long debate will be "Is the Brown Narcotics Program a Wise Program?" The representative of the Citizens Committee to Re-elect Governor Brown will be Mr. Warren Ettinger, Los Angeles attorney and authority on Brown's narcotics program. The name of Mr. Nixon's representative was not available as of this writing, but it is assured that he will be well qualified to speak on narcotics and the Nixon position.

The debate will be held beginning at 8:00 p.m. this evening in room 206 Dabney. The format will be that of a standard debate, with introductory speeches, rebuttals and concluding remarks. The formal debate will be followed by a period for questions from the audience.

chain reaction that would take months to untangle. There has been some talk of tickets being strictly enforced this year, but if someone parks in my place and makes me drive all the way over to Tournament Park, I'll keep him from getting a ticket. His windshield wipers will be thrown in the junk house (first offense).

But this get-tough policy isn't a new thing around here. The KKK (Kitchen Kommittee Kleaners) in MJ House have implanted their dynasty, and several of us have lost more improperly marked food than the Go Back to Brooklyn Dodgers lost face. The Klan burns crosses, the Kleaners burn anything in a paper sack.

Initiation Continues

(Continued from page 1)

Nobody is sure at what point the I. H. C. exercised divine intervention, but the last report of the evening is that the Fleming freshmen amused themselves by mopping until 2:00 a.m. Others were making book on how much the Physical Plant would net from the proceedings.

At last, Friday evening, we Frosh were elevated (at least in theory) to Freshmen and members of our respective Houses. An evening of gaiety, drunk Freshmen, and nervous pledge-masters followed, enabling most of us to forget our ruined GPA's until Saturday morning.

More ASCIT

(Continued from page 1)

ancial success the ASCIT may receive a small amount above the editor's commission.

Following Pat Donne's unexpected failure to return to school, Don Terwilliger assumed the duties of Junior Class President.

The following managers were approved unanimously: Football —Tom Atkinson, Jim Morrow,

Kendall Brown, Larry McClellan. Soccer—Michael Wolf, Donald Michael. Water Polo—Tom Crocker, Tony Williams, Marc Kaufman. Cross-Country—Peter Mozur.

The following cheer leaders were also approved unanimously: Tom MacDonwell, head cheer leader; Mike Cosgrove; and Rick Clayton.

Incidentally, Bopp's marriage was not approved (1-8-0). Bopp was the only dissenter.

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frets and frails

Non-Folk Music at Ice House

BY LEE MOLHO

Except for a fine flamenco artist, the Ice House (24 N. Mentor, Pasadena) is featuring vaudeville this month rather than "folk music in concert."

The exception is flamenco guitarist Jose Trujillo, whose artistry is unquestionably excellent. In an all-too-brief set he presented several types of flamenco compositions from different parts of the Spanish-speaking world.

Unfortunately, the remainder of the show was a combination of vaudeville and third-string Kingston Trio imitation. The Billson Brothers, showing little instrumental skill and less familiarity with anyone's folk

traditions, worked very hard to convince the audience that (1) they were English and (2) they were funny.

After they had played a few Kingston Trio albums to make FRETS AND FRAILS . . . sure of the tunes, the Shenandoah Trio left their rehearsal room and mounted the stage. Sticking close to cliches, they groped their way through "Sloop John B," "Traveling On," "Santiano," and (shades of Barbara Dane) "Away, Away with Rum, by Gum." Between numbers the Trio presented corny but well-memorized patter about the guitarron (Mexican bass guitar) played by one of them.

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Richard Karp, J. C. Simpson

Managing Editor

Alan Hindmarsh

News Staff

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Business Staff

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Circulation: Howard Monell

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SPORTS

Soccer Team Routs UC Riverside

Last Saturday the varsity soccer team romped to a 10-0 victory over UC Riverside on the loser's field. Caltech showed tremendous all-round strength as the backs never allowed UC Riverside to seriously threaten, while the Beaver forwards took dead aim on their opponents goal. At the same time the junior varsity topped Whittier, 2-0, at Tournament Park.

From the opening kick-off Cal-

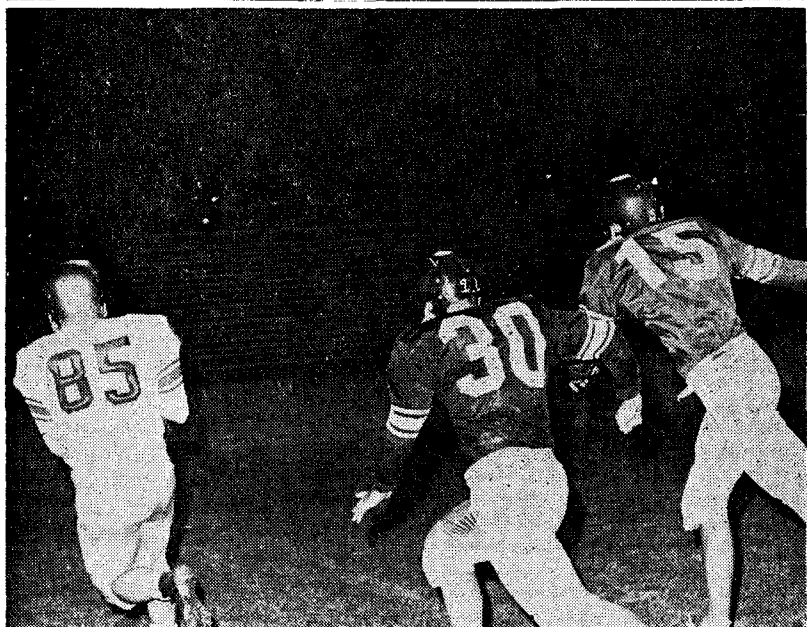
tech took command, the Richard Wade scored after five minutes. Jacques de Barbeyrac added a second goal before the quarter ended. In the second quarter Wade scored again and a goal by Joel Kwok brought the half-time score to 4-0.

After the half, the game turned into a one-sided contest Willi Behrens scored four goals, Kwok added two more, and captain George Argyropoulos scored once. Caltech actually scored 11 times, but one goal was nullified by the referee.

The defenses were led by full-

backs Mike Fourney and Joe Young, while Wes Shanks, Jacques de Barbeyrac, and Vassilios Kerdemelidis controlled the center.

Next Saturday the varsity travels to UCLA, hoping to upset the Bruins seventy game winning streak on their home field. The junior varsity hosts the UCLA junior varsity here at 10:00 A.M. Saturday.



End Jack Arnold eludes UC Riverside defenders to catch pass in end zone for two-point conversion play. —photo by Kendall Brown

Harriers Race Pas Naz Friday

The varsity and frosh cross-country teams held time trials last Friday in preparation for tomorrow's meet with Pasadena Nazarene College. Larry Weaver and Tom Oberjat led the squads over a two-mile course, clocking time of 11:14 and 11:21 respectively. Close at their heels were freshmen Jerry Simpson and varsity runners Louis Korl and John Caywood.

Little is known about the strength of the Pasadena College varsity, but Caltech's eight-man squad should not fare badly in the three-mile run. The frosh team, on the other hand, is sorely in need of more runners. Only three freshmen have reported for workouts to date, and at least five men are needed for the team.

Tomorrow's meet will be held in Tournament Park with the freshman race starting at 4:00 P.M. The varsity meet follows at 4:20. Everyone is invited to attend.

drive of the evening. At one point the ball was on the UCR four yard line, first and goal for Caltech. However, the UC Riverside defense toughened and pushed the Beavers back to the fifteen yard line where UC Riverside took possession of the ball. Five plays later the Riverside quarterback faked to his fullback on a belly play, and ran 73 yards around left end for the final touchdown of the evening. This time, they made good on their two-point conversion attempt.

(Continued on page 4)

Gridders Impressive, But Lose 20-8 to UCR

BY STEVE BLUMSACK

In their first game of the 1962 season last Saturday evening, the Caltech varsity football team outplayed and outfought UC Riverside, but could not outscore them. The final score was UC Riverside 20, Caltech 8.

An indication of the Beavers' domination of play is revealed in two statistics. Caltech made thirteen first downs as opposed to six for the home team, and controlled the football for seventy plays, thirty more than the opposition.

The Beavers had three scoring opportunities in the first half. They failed to score the first time they penetrated UC Riverside territory, but a pass from quarterback Bob Liebermann to end Art Johnson was complete at the UCR one yard line. Johnson fumbled the ball as he was tackled, but Jack

Arnold alertly recovered the ball in the end zone. A Liebermann-to-Arnold pass was complete for the PAT, and Caltech led 8-0. The Beavers threatened moments later, but were turned back at the Riverside fifteen yard line.

Riverside set up its first touchdown on a long pass that was batted in the air by players from both sides before a UC Riverside end caught it. Another pass completion for the TD and a missed conversion attempt made the halftime score 8-6, with Caltech ahead.

Riverside scored again on a pass in the third quarter; once more they tried a two point conversion and were unsuccessful. The score after three quarters of play remained UCR 12, CIT 8.

Approximately halfway through the final period Caltech mounted its last offensive

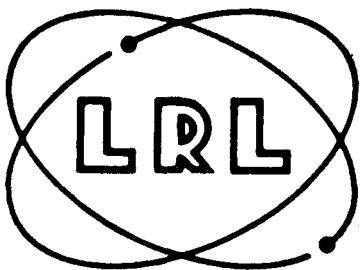
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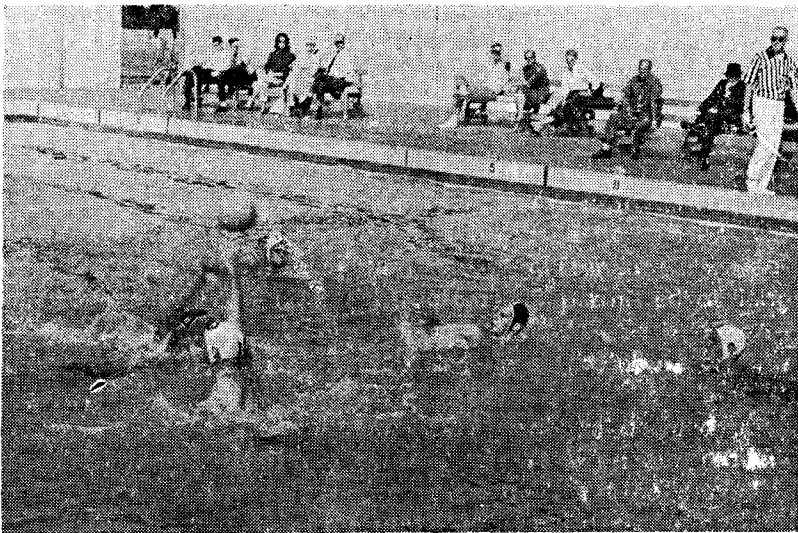
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—photo by Ken Brown
A peaceful night near Fleming House on Wednesday of initiation week.

Water Poloists Down Alumni, Mt. Sac., SFVS

BY DAVE OLLIS

The varsity squad swept all three of its encounters last week, and expectations for future performances are on the rise. The players, in marked contrast to the mediocre caliber of play exhibited the week before, swam, passed, and scored their way to solid victories each time.

Mount SAC was bombed, 17-3, as the locals featured a scoring contest between All-Conference forward Bruce Chesebro, who hit 9 goals, and Pat Manning, who scored 8 times.

San Fernando Valley State suffered a 10-2 defeat on Friday. The Tech defense looked at its sharpest this year; strong pressing in San Fernando's end of the pool prevented the visitors from moving the ball past half court until the Beavers had poured in five marks.

The Alumni, though easily outweighing the varsity, played a losing game Saturday and preserved their traditional string of defeats. The final score was 13-6 for Tech with the second unit of varsity players in the water for half of the game.

Softball Starts

The Interhouse softball competition started last Monday as Page swamped Ruddock, 13-2, and Lloyd beat Fleming, 7-5.

Page scored most of its runs in the early innings, largely due to frequent errors by Ruddock. Al Cooper contained the Ruddock batsman to two runs on a home run by Steve Gorman. Page was one of three Houses tied for first place last year and appears to be headed for another good year with a well balanced team.

Errors were also instrumental in deciding the outcome of the Lloyd-Fleming game. Fleming pitcher Bill Schoene gave up only three hits, but Lloyd still scored seven times. Lloyd, another of the teams who tied for first place last year, looked good on defense although the hitting was somewhat light.

Blacker relies on strength at catcher and third base and on depth in the pitching squad headed by Steve Teigland.

Ricketts, the other team involved in the three way tie for first last year, looks strong this year with good infielding and pitching. If they can get hitting, they look to be tough.

Dabney also feels that they have improved and that they will finish with a considerably better record than last year. They appear to have a good fielding team with adequate power at bat and are definitely contenders for a high ranking.

In general it looks like an improved league, and the two weeks and one day of games should prove exciting.

The competition stiffens this week as the team travels away for games with LA State, El Camino JC and Long Beach State. Official league competition opens next Tuesday against Claremont at the Stag pool. On the following Friday, the Beavers host Pomona for the first local league tilt.



Brewing



After being vigorously condemned for the absolute incomprehensibility of his last appearance in this paper, Beak made a New Year's resolution not to overdo it so much, to the accompaniment of the sound of the shofar and the gentle splash of water balloons.

Sophs Get Some

In sound conformity with the traditions of their House, three stalwart members of Rage House went to that stronghold of the

old mestizo order which we all hold so dear. After partaking of several symposia in applied ecdysis, our protagonists themselves attended a lab course in the subject, all of them passing the final examination with flying colors according to one source. Another source of info has reported that, on the contrary, two of the three, Netherlands and Zwieback, did not produce the ivory flag (yet still surrendered).

The Madness is Upon Us

Other little random events have recently happened to reaffirm Beak's faith in the immutable nature of the rms Tekman. Toad reports that during

CORRECTION

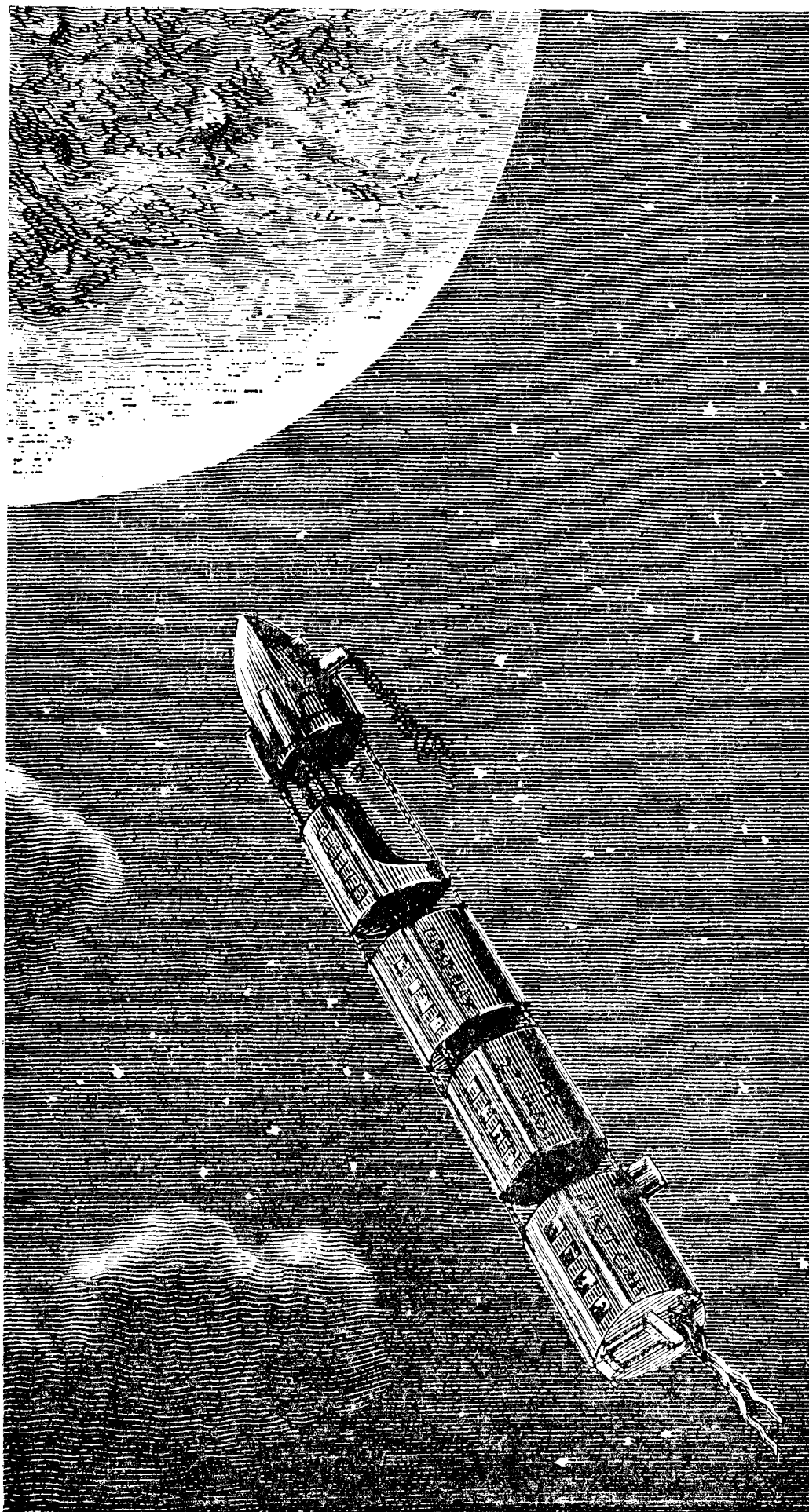
Last week's California Tech erroneously reported that Larry Shampine, captain of the Caltech Karate Club, received his first degree brown belt. Actually Shampine received the first degree black belt, while Jim Sagawa was awarded a third degree brown belt.

Footballers Lose

(Continued from page 3)

Jon Evans was the game's leading rusher in total offense with 106 yards in 22 carries. Bob Liebermann led all passers by completing five out of ten passes for 59 yards. Steve Hall did all Caltech's punting, averaging 30 yards per kick. Art Johnson was the Beavers' top pass receiver with three receptions good for 30 yards.

Caltech faces Pomona in their first league game tomorrow evening at the Rose Bowl.

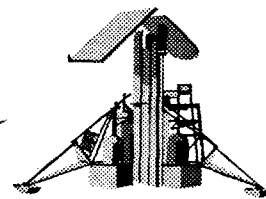


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