

California Tech

Associated Students of the California Institute of Technology

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Houses, Labs Go Up And Up

BY RICHARD KARP

Caltech's Development Program proceeds well under way as two new buildings and four graduate Houses progress toward completion. The two new buildings presently being constructed are Karman Lab, an addition of two floors to a presently existing building near Guggenheim, and Firestone Lab, a new building being built next to the Synchrotron building. The four graduate Houses are being constructed on San Pasqual across from Ruddock House's northern entrance.

The four graduate Houses, named Braun, Marks, Keck, and Mosher-Jorgensen, will be able to accommodate a total of 166 male graduate students. Construction is on schedule and the Houses should be completed in June or July, with furnishings being moved in following completion of construction. Each House will have its own lounge, patio, kitchen, and dining room. The kitchens will provide cooking facilities only, and each student will have to cook his own meals. Parking will be provided behind the Houses for about half of the residents, and the remainder will have parking spaces "assigned nearby." The majority of the rooms in each House will be singles, similar to rooms in the new Student Houses. The plan for these singles will be the same as in the new Houses, with a wardrobe and wash-basin in each room. There will, however, also be some suites containing two rooms and a private bath. These suites are intended for two people, and all

furniture except for the wardrobe will be movable so that the room can be arranged in any manner desired.

The largest of the four Houses will be Keck House, containing 53 rooms and being the only one of the Houses that will be air-conditioned, simply because more money was available for the construction of this House. Keck will be a three-story, as will Mosher-Jorgensen House, which will accommodate 51 residents. The other two Houses will face San Pasqual and be two-story, with Marks accommodating 30 residents and Braun 32.

Monthly prices in all of the Houses except Keck will be \$42.50 for a single and \$47.50 per person for a suite. In Keck, partly due to air-conditioning and partly due to daily maid service, monthly rates will be \$60 for a single and \$65 for a suite per person.

Karman Lab, located near Guggenheim, will be completed October 1 this year. This building, as well as the already-existing two basements, will be air-conditioned and contain only labs. Firestone Lab, which will be completed about the middle of December, will have only labs in the two basements, and offices plus three classrooms in the upper floors. Firestone will also be air-conditioned, and both buildings will have elevators for the sake of the weary. Both buildings will be constructed of reinforced concrete, and Firestone will have its north face made up of perforated decorative concrete blocks.

Mead Takes Digs At Tech



Margaret Mead visits in Lloyd Conference Room.

—photo by Dick Thompson

Culbertson Talks Witty Listening

Anthropologist Margaret Mead arrived on campus last Monday for a three-day visit under the auspices of the YMCA's Leader Program. In spite of a broken ankle, she held up under the strain of meeting students in informal discussion groups, lecturing to classes and giving two major addresses to the Caltech community.

Her Monday night address was on the YMCA chosen topic of "The Billion Volt Shock of Western Technology: Can Any Local Culture Survive the Impact of Technological Change?" Dr. Mead, in a slightly rasping voice, explained that many sociologists thought primitive cultures could not move quickly in adapting a technological society. These men felt that every step in the sequence of human history must be repeated by a primitive culture in contact with the western world.

Dr. Mead went on to explain, with a biting humor, that everywhere in the world cultures and peoples are demanding change and advancement. Furthermore, she said, this change could come about quickly in a primitive society. Her answer to the question, "Can Any Culture Survive the Impact of Technological Change?" was "No, they don't want to!"

Tuesday night, to an overflowing audience, Dr. Mead explored the question of "The College Man's Dilemma: Four Years of Sexual Uncertainty." With several barbs for the Technicians in the crowd, she considered the kind of culture in which Caltech exists and some possibilities for improvement. This culture, said Dr. Mead, believed that sex is really necessary for health. This attitude has led to early marriages, which are, according to Dr. Mead, incompatible with the development of the highest mental faculties. Her talk implied that perhaps Technicians should not marry until much later, if at all.

Talk Set On Eichmann Trial

The case of Adolf Eichmann vs. the world will be represented to the Caltech student body through the researchers of Mrs. Jesse Greenstein next Monday night in the Chandler dining hall.

The Eichmann trial, which started two days ago, is an aggregation of many issues: international law, the role of Israel as a spokesman for all Jews, torture, revenge, kidnapping with intent to kill, and the overall question of what justice is. Mrs. Greenstein has recently done extensive study into these issues and is going to present her conclusions in an attempt to gain an objective view of the case.

Her talk, together with the subsequent discussion, are part of the YMCA Diners' Club program. The program, which begins at 6:30, is free to all Student House members.

Dr. Mead Livens Lounge

BY DAVE HELFMAN

Margaret Mead arrived in the Ruddock House Lounge about 6:20 p.m. Monday, and immediately began a systematic probing of the socio-cultural background of Caltech. After having a second experience with the ethnic phenomena known as a Saga meal, and receiving some Ruddockian theories concerning the six other ethnic societies on campus, she moved back into the lounge to participate in a small, lively bull session. The topics ranged from her basic research methods and native obstacles to

a short history of Pidgen (English, Latin, etc.) with a demonstration from the book of Genesis.

Not in the least bothered by her temporary disability, she maintained a quick wit, bringing out point after point with clarity and humor. No topic, however remote from her major fields, daunted her sharp interest in the stresses created by unusual cultures. In doing so, she gave a good foretaste of the wit and cleverness which pervaded her Culbertson lectures.

Scratch 1 Weekend

Leadership

BY CARL ROVAINEN

Last weekend three faculty, two cooks kidnapped from Saga, and 19 students from ASCIT, IHC, and the YMCA staged a leadership conference at the Circle X Boy Scout Camp in Malibu to learn discussion and administration techniques.

The faculty leaders were Jack Zenger, professional executive trainer, and Wes Hershey and Al Green, Y secretaries. They

were assisted by NTL graduates Bill Hogan, John Lohman, John Todoroff and Gary Walla.

Friday night participants were herded into small groups to discuss BOC decisions and found that they had been arranged with perfect agreement in regard to their opinions on the issue. After arguing with each other for 15 minutes, they were reshuffled and found to their horror that there was then one

deviant in each otherwise homogeneous group. Afterwards, analyses were made on how minorities are molded by majorities to conform. Zenger and Hershey also gave talks on communication and types of leaders.

Permanent discussion groups were set up Saturday morning, with no directions except to start talking and observing. Some groups decided to do something more significant and tried role-playing and intra-group personal criticism.

After lunch the conference broke up into special interest groups — ASCIT, IHC, and the Y. Each was given the task of reaching agreement on a list of controversial statements. However, shouts of Boy Scouts actively pursuing recreation began to break down the leadership machines, and the remainder of the afternoon was devoted to trying to hike up a near-perpendicular, silt-laden, 1500-foot goat path to the top of a mountain behind the camp.

NO SPECIAL TREATMENT

Tired and weak even after a hearty supper of spaghetti and melted ice cream bars, the students reconvened into the directionless, wavering, self-analytical groups created that morning and continued to stumble onto

the fundamentals of leadership for about two hours.

Finally, exhaustion and saturation drove some to bridge, some to song, some to mild drink and some out of the conference entirely back to student life, dances, sleeping, and other non-leadershiplike activities.

The test of the conference came Sunday morning. New discussion groups were to prepare proposals on initiation. Then in a mass meeting they were to decide which proposal of the three was best. Participants forgot completely about calm, rational argument, democratic methods and respect for the other fellow, fighting wildly for their own proposals, intriguing and driving the faculty into a stupor of failure-psychosis. Polls to measure the value of the conference were nonetheless passed out, but were forgotten to some extent in the chaos that followed due to a combination clean-up, race to finish lunch and a desire to get back home.

Before leaving, however, it was tentatively proposed that this brain-washing-leadership-instilling ordeal should be made available not only to campus leaders, but to the student body as a whole if it were ever held again.

Evaluated



Leaders at Weekend. From front left going clockwise are Gerry Chandler, Jack Zengler, Al Green, Bob Ross, John Lohman, Dave Pritchard and John Newmeyer.

—photo by Wes Hershey

Editorial

Training Conference

Unfortunately, last weekend's Leadership Training Conference was considerably less than a smashing success. A number of students left at least unimpressed, if not disgusted. I would place the blame for this attitude squarely on the students, as the planning and direction of the weekend was quite adequate. These unimpressed men were out for a lark, misunderstanding the purpose of the conference.

Coming expecting to be spoon-fed juicy hunks of how-to-do-it, they left viewing the conference as trying to make them panderers and other-directed nebbishes.

The remaining students, entering open-mindedly and actively attempting to understand the factors which enter into creative, exciting meeting, learned a little and returned with good intentions, if not ability.

The moral to this Aesop's Fable is: Weekends don't teach you much.

—benson

Peace Corps Plans, Goals, Explained

BY BARRY PETERSON

The interest generated by President Kennedy's idea of a large-scale civilian Peace Corps has led to the establishment of several pilot programs in people-to-people aid. Some of these programs provide opportunities for technically trained college graduates to participate in interesting and challenging work in the development areas of the world. The three farthest advanced plans are the ACCION program to aid Latin America, the Columbia University program to provide teachers for East Africa, and the Sri Lanka Surveyya program to recruit Americans to teach in Ceylon.

The basic idea behind these and other programs which are included in the Peace Corps plan is to enlist a force of young volunteers to help the peoples of underdeveloped areas to win the battle against poverty and illiteracy. By their efforts these volunteers, mostly college graduates, will contribute to the development of critical countries and will extend the ideals of democratic freedom, both abroad and in the United States. The types of work that will be done by members of the Peace Corps including teaching, working in health projects, working in agricultural projects and rural development programs, working in industrial projects, and working in government administration. The work will be financed by grants from private agencies or universities and by government funds where necessary.

The present ACCION plan is a pilot program for a country-wide project. It will accept 80 volunteers from California colleges and agricultural schools to work for 15 months in Colombia. The workers will be divided between rural and urban areas. The urban workers will live in the common class sections of Bogota and Medellin teaching English, typing, sewing, nutrition, and hygiene and organizing athletic and social functions for the people. The rural workers will live in villages, initiating building programs and helping to solve local problems. Both groups will be supplied through donations of North American and Colombian firms and will be aided in their work by fel-

low Americans living in Colombia.

The Columbia University plan for providing 150 American teachers for East African schools will work on a more professional basis. The applicants will be given a year of training at Columbia and Makerere College in Uganda to prepare them for their job and will receive the regular pay of a teacher in Africa plus \$3200 a year in fellowships and a \$1600 bonus after completing the two-year teaching period.

The Ceylon teaching plan is much the same as the Columbia plan except there are no fellowships available. Teachers work for one or two years in Ceylon receiving \$80 per month and internal travel benefits. As in Africa there is a great need in Ceylon for teachers to teach high school level math and science.

Notices

BOD ACTIVITIES

The Board of Directors last Monday appointed Bill Rosenberg as Business Manager of the California Tech, and Dick Robertson as Election Committee Chairman.

Jim Sagawa, ASCIT Business Manager, also announced that applications close April 17 for the positions of Darkroom Chairman, Head Yell Leader, and Students' Day chairman.

Also, organized campus clubs who need money should turn in requests to the BOD, preferably before Monday.

DABNEY CONCERT

In its next-to-last program of the year, Dabney Chamber Music Concerts invite the Baroque Players this Sunday, April 16, at 8:15 p.m. in Dabney Lounge.

Artists in the Baroque Players are Carol Rosenstiel, harpsichord; Burnett Atkinson, flute; and Grace Lynn Martin, soprano. Admission is free and undergrads and grads are invited.

BIG T ADS

The Big T is again soliciting student ads for this year's issue. Rates are \$5 for one-eighth page, \$10 for a quarter page, \$15 for a half page, and \$30 for an entire page. Students interested should contact Jim Blackman in 4 Dabney no later than April 17.

LETTER

Frosh Speaks On Rotation

Editors:

After a careful perusal of the decision of the Faculty Committee on Student Houses to eliminate rotation, wherein the "pressure to which a freshman is subjected" was cited as a principal reason for eliminating rotation, I have a proposal which deserves careful consideration by everyone connected with this campus.

I propose the elimination of freshmen finals and grades. The current frosh, in whose minds the harrowing experience of finals is still vividly emblazoned, can testify that the pressure of finals is tremendous. Clearly the evil of freshmen finals and the resulting grades must be eliminated.

Furthermore, a professed goal of the faculty will be realized by the abolition of freshman grades: absolutely no frosh will flunk out. Obviously my proposal will insure greater happiness and security for all freshmen and thus should be immediately considered and approved.

Tom MacDowell
Frosh

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Musical Notes

SMALL GROUPS HAVE QUALITY SOUND



BY BARRY MORITZ

Jazz has been approached from two major levels—first through the small group—second through the large band. As most anyone will agree, both are equally valid means of expressing the jazz mood, but the history and evolution of these groups are entirely different. Big band jazz came from the desire for a big sound and euphonic chords, a direct descendant of the early big dance bands. It got its start back in the 20s and 30s with what was the known as "swing"—the forte of new groups like those of Benny Goodman and Woody Herman. This was the introduction of the jazz improvisation and ad lib to the big band scores. Enough of this—on to the subject matter.

Small group jazz is the original jazz — dating back to prehistoric times with African drum and wind instruments, and the Caribbean bongos, conga, etc.

The evolution of small group jazz follows a line similar to the evolution of man. The basis of jazz is rhythm and improvisation, rhythm a natural result of the African drive, and improvisation improving throughout the years with the addition of new ideas.

It should be no surprise, therefore, that the start of jazz was right here in the U.S.A.—among the Africans brought to the country as slaves in the South. From this group we get one of the very foundations of jazz improvisation: blues.

So "Dixieland" got its start, and without a doubt, it still maintains a considerable following. The "sound of the South" can be heard on various recordings today, some in the forms of yesteryear, some with a modern flair. Bix Beiderbecke is old line, and something like "Satchmo" Louis Armstrong's *Ambassador Satch* has a modern flair. Even more modern, and quite unny and cute is Billy May's *Sorta Dixie*, where the modern big band meets the Dixie small group. If you want a chuckle and some good music at the same time, give it a listen.

The start of the big bands also brought with it the small swing groups such as Benny Goodman, Lionel Hampton, Teddy Wilson, and Gene Krupa. Although groups like these had lots of rhythm, the subtle harmonics of a string bass were missing. So, with the string bass, and the variety of sound obtained from wind instruments, the small groups of the jazz scene began to come into their own.

The first big news on the scene was BIRD, Charlie Parker. Coupling his immense talent with new ideas in progression and improvisation with the new technique and innovation in piano, the harmonic driving bass, and the new crisp Zildjian cymbal, we find modern, progressive jazz.

Today, the basic difference between small groups lies in the (Continued on page 6)

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Questions

Gratia Artis

reviews by bob poe

The crowds line up on Hollywood Blvd. They stand in interminable queues on the chance that they will be permitted to pay \$2 a ticket for the privilege of sitting on the balcony steps of the Paramount to see a film that most of them have seen at least once before, a film nearly old enough to be produced on television. After almost 15 years, "Gone With the Wind" is still a huge box-office draw.

And it is not too hard to see why. "Gone With the Wind" is one of the few classics of the American screen. It is the leading contender for the title of "The Great American Movie." The quantity of good talent and materials poured into the production is somewhat astounding, and, if at times the action seems momentarily derailed, the total cumulative effect is something staggering.

Margaret Mitchell's best-selling Story of the Old South possesses two strong elements which, in the film, become great main-springs of cinematic power. First is the irresistible historical color of the Civil War and reconstruction periods. The novel and the movie chronicle the crumbling and collapse of an entire social order with all the attendant misery, injustice, and, indeed, savagery.

Secondly, the tale gains additional emotional impact from the thoroughness with which it examines the main character. The film presents the major part of Scarlett O'Hara's adult life, taking her through three marriages and a Civil War. We see her youthful snobbery harden into determined selfishness and lead ultimately to the destruction of all her hopes for love. We see, in fact, so much of her that we come to regard her as part of our own lives. And this is one of the most powerful effects a novel can produce: that of presenting and evaluating an entire human life.

Fortunately, the film treats the novel with the respect (if not always the understanding) it deserves. "Gone With the Wind" is long: figure on four hours in the theater. Camera and color work bring to each scene great pictorial drama and beauty. The music is quite tastefully handled; the Tara theme is still considered among the best of sound-track music. And

the mast includes some of the biggest names and best talent available at the time.

Vivien Leigh brings to the role of Scarlett O'Hara a just-les-than-beautiful face, a slender but strong body, and a fine conception of what she is about. She manages to play a charming Southern belle, a pampered brat, and a hard-boiled businesswoman — all within the compass of a single character. This is no mean achievement. Clark Gable gives perhaps the best performance of his life as Rhett Butler, the cynical, wealthy man-of-the-world, who is capable of seeing through Scarlett and loving her. Olivia de Havilland is a perfect contrast to Vivien Leigh in her somewhat cloying unselfishness. The only disappointment is in Leslie Howard (considered by many the best actor of the bunch; his characterization of mousey Ashley Wilkes is so perfect that it inhibits his marvelous powers of expression.

In criticism it must be said that the techniques of "mood-engineering" occasionally break free from Mr. Selznick's usually tight control. It is one of the dangers of the cinematic medium that the arts of photography and background music are effective enough to create an emotional reaction in excess of or, sometimes, in contradiction with, the feeling appropriate to the written text. The first case leads to sentimentality or "tear-jerking." The second leads to confusion and blunted effect. "Gone With the Wind" passes through a long sequence of deaths without, I think, committing serious errors of the first kind. But the movie insists upon ending on a hopeful note, thus going against the whole trend of previous events and the author's intention. The point of Scarlett's last soliloquy in the novel is that she has killed everything in her life except her own little world, her plantation Tara, and that there really is no "tomorrow" for her. The movie, on the other hand, implies that, although she has lost love, at least she has the plantation to live for and all will be well in the end.

But somehow this slight infidelity at the close is powerless to spoil one of the finest pictures ever made.

barBell

BY LON BELL

Having returned from sunny Mexico (and it was), I'm loaded with a few good drinks — all made with tequila — that really can add to a casual cocktail party.

Before I get into the drinks, a little background on tequila is in order. Like most wines, tequila got its name from the district in which it originated. In this case it was the district of Tequila (obviously). The liquor is distilled from the juice of the Century Plant.

Looking for a little true Mexican atmosphere, we went into a bar out of the tourist section of Mazatlan to see what some of the local cats considered swinging drinks. We entered a dingy "typical" bar and immediately got treated to a couple of drinks by the closest inebriated Mexican. Actually, it took us quite a while to figure out that he was inviting us, but through pidgin-Spanish, arms and rubbing of stomachs, we finally got the clue.

In our best Spanish, we ordered the only Mexican drink we knew — a tequila cocktail — and proceeded to glance about the bar to see what the others were drinking.

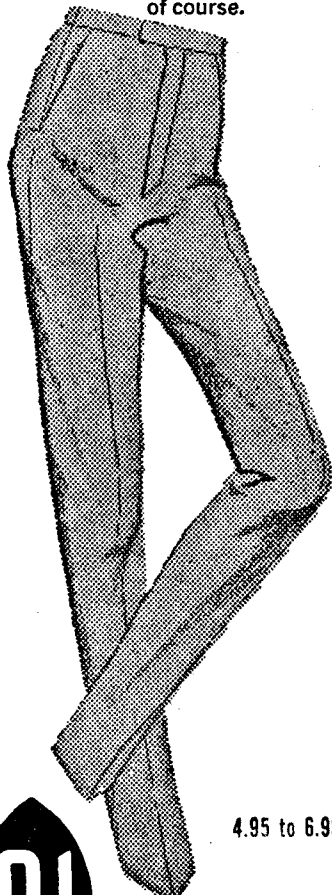
After looking hopelessly around for people with tequila,



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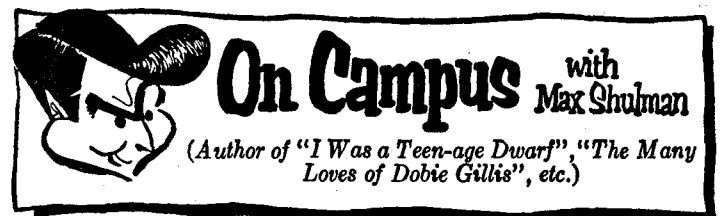
lemons and salt, we asked our friend what he was drinking. The language barrier being too much, I leaned over and took a whiff of his drink — straight bourbon! At this point we saw the futility of information gathering in a strange country and amid shouts of "Adios amigos," we headed back for the tourist area to get some tequila recipes.

The drinks I enjoyed the most were a Tequila Sunrise and a Tequila Cocktail. The first is made with about a jigger of tequila to a third of a jigger of lime juice and grenadine. The

second adds about a fourth of a jigger of Creme de Cacao to this. Both are shaken with crushed ice, garnished with a slice of lime, and served in cocktail glasses with two short straws.

Another good drink is the Tequila Highball, made with a jigger of tequila (ice, lime, juice, and whiskey sour in a tall glass. Garnish as you will.

To be honest, we did see one Mexican drinking tequila. He was a beggar in the outdoor market and he was drinking fifty-cent-a-bottle brand — straight.



THE DEAN YOU SAVE MAY BE YOUR OWN

Now in the waning days of the school year when the hardest heart grows mellow and the very air is charged with memories, let us pause for a moment and pay tribute to that overworked and underappreciated campus figure, your friend and mine, the dean of students.

Policeman and confessor, shepherd and seer, warden and oracle, proconsul and pal, the dean of students is by far the most enigmatic of all academicians. How can we understand him? Well sir, perhaps the best way is to take an average day in the life of an average dean. Here, for example, is what happened last Thursday to Dean Killjoy N. Damper of Duluth A and M.

At 6 a.m. he woke, dressed, lit a Marlboro, and went up on the roof of his house to remove the statue of the Founder which had been placed there during the night by high-spirited undergraduates.

At 7 a.m. he lit a Marlboro and walked briskly to the campus. (The Dean had not been driving his car since it had been placed on the roof of the girls dormitory by high-spirited undergraduates.)



At 7:45 a.m. he arrived on campus, lit a Marlboro, and climbed the bell tower to remove his secretary who had been placed there during the night by high-spirited undergraduates.

At 8 a.m. he reached his office, lit a Marlboro, and met with Derther Sigafoos, editor of the student newspaper. Young Sigafoos had been writing a series of editorials urging the United States to annex Canada. When his editorials had evoked no response, he had taken matters into his own hands. Accompanied by his sports editor and two copy readers, he had gone over the border and conquered Manitoba. With great patience and several excellent Marlboro Cigarettes, the Dean persuaded young Sigafoos to give Manitoba back. Young Sigafoos, however, insisted on keeping Winnipeg.

At 9 a.m. the Dean lit a Marlboro and met with Erwin J. Bender, president of the local Sigma Chi chapter, who came to report that the Deke house had been put on top of the Sigma Chi house during the night by high-spirited undergraduates.

At 10 a.m. the Dean lit a Marlboro and went to umpire an intramural softball game on the roof of the law school where the campus baseball diamond had been placed during the night by high-spirited undergraduates.

At 12 noon the Dean had a luncheon meeting with the president of the university, the bursar, the registrar, and the chairman of the English department at the bottom of the campus swimming pool where the faculty dining room had been placed during the night by high-spirited undergraduates. Marlbors were passed after lunch, but not lit owing to the dampness.

At 2 p.m., back in his office, the Dean lit a Marlboro and received the Canadian minister of war who said that unless young Sigafoos gave back Winnipeg, Canada would march. Young Sigafoos was summoned and agreed to give back Winnipeg if he could have Saskatoon. The Canadian minister of war at first refused, but finally agreed after young Sigafoos placed him on the roof of the mining and metallurgy building.

At 3 p.m. the Dean lit a Marlboro and met with a delegation from the student council who came to present him with a set of matched luggage in honor of his fifty years' service as dean of students. The Dean promptly packed the luggage with his clothing and Marlbors and fled to Utica, New York, where he is now in the aluminum siding game.

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To the dean of students and all you other hard-working academic types, here's the new word in smoking pleasure from the makers of Marlboro—king-size unfiltered Philip Morris Commander. Welcome aboard!

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Ruddock Gridmen Whip Dabney; Page Edges Lloyd, Top IH List

BY PETE FORD

Page defeated Lloyd (12-6) Tuesday in a hard-fought inter-House football game. Page, playing without their model UN delegates, was hard-pressed all the way by a determined Lloyd team playing its best game of the season. The Page touchdowns came on a doublepass play (Evans to Perlman to Evans) in the second quarter and on a long pass (Evans to Clough) good for 70 yards in the fourth quarter. The fourth quarter proved to be especially exciting with Lloyd driving to the Page five-yard line before losing the ball on a second down interception by Mike Perlman. The next play was Page's 70-yard-long pass. Lloyd then received the kickoff and drove in for a TD on a long series of plays with the tally being made on a short pass (Ford to Gillespie). Lloyd next recovered the ball on an on-side kick but ran out of time inside the Page 30.

Ruddock defeated Dabney (25-19) Monday in a wide-open scoring battle. Steve Gorman again

showed his value to the Ruddock clan by racking up the tie-breaking touchdown by intercepting a desperate Dabney pass with less than 30 seconds left in the game and running the ball back 80 yards. Dean Gerber and Dave Osias both turned in good performances for Dabney but two interceptions was costly to Dabney.

The standings are:

Page	4	0	1
Ruddock	4	1	0
Dabney	4	2	0
Lloyd	3	2	0
Ricketts	2	3	0
Blacker	0	4	1
Fleming	0	5	1

Today Lloyd plays Ruddock in each team's last game of the 1961 season. Judging from each team's performance over the last week the game should be close and hard-fought. Tomorrow Page plays Ricketts in the last regular season interHouse football game of the term. Basketball is the last interHouse sport this year, and practice will probably start next week.

Trackmen Take Second In Five Way Meet; Frosh Look Good

Tech's cindermen placed second in a "five-and-a-half-way meet" at Riverside last Saturday, against Pepperdine, UC at Riverside, Cal Western and Cal Baptist; three Caltech frosh, entered as an independent team, came in fifth, beating out Cal Baptist. The meet was won by Pepperdine with a score of 89 to CIT's 51.

CRAMP

The Beavers' performance was cramped somewhat by a stitch in distance-man Earley's side. Slowed from an expected 4:35 to 4:54 in the mile, Earley took second, followed closely by Giacque in 4:56.9. This debility kept Earley out of the two-mile.

In the 440, Jan Dash took fourth in a fast field, in a time of 52.3.

KRUISING KLETT

Klett turned in an excellent crosswind-troubled 10.2 hundred, for a strong first place in that event. This was a post-pulled-muscle comeback. He also

snagged fifth place in the 220.

Burke and Younce took thirds in the 880 and 220 low hurdles, respectively, each with a Tech-man following in fifth place—Hassenzahl in the half and Curtis in the hurdles.

EASY

Teitelman, who has been improving fairly regularly, placed second in the two-mile in 11:26, with no one near him in either direction.

RAMBLING RADKE

Frosh field phenomenon Radke took firsts in both discus (132 ft. 8 in.) and shot (42 ft. 2 in.: somewhat off last week's 46-foot form). Stewart pulled in third in the shot and fourth in the discus.

Also "down" from last week was high jumper John Letcher, who placed second with 5 ft. 8 in. Cline more than doubled that to take first in the pole-vault with a height of 12 feet.

TECH JAVELIN SCHOOL?

(Continued on page 6)

Horsehidors Clobbered

BY BOB LIEBERMANN

On Wednesday, April 5, the Beaver nine dropped their second conference game of the season, losing 16-3 to league-leading Whittier. Although the contest was fairly close for the first four innings, the Poets broke the game wide open in the fifth inning, as Caltech's pitching and fielding went awry. Seven Tech errors contributed considerably to the opponent's attack; a notable flaw was the failure to capitalize on numerous double-play situations.

Last Saturday, the diamond squad lost a doubleheader to Occidental by the awesome scores of 14-1 and 18-4. For the first time this season, the Tech defense turned in an admirable performance, allowing only three errors in the two games. The hitting attack was also greatly improved: John Arndt went 5 for 7 in the twin bill, raising his season average to over .600 and catapulting him into an early

(Continued on page 6)

Swimmers Smash Whittier; Break Three Records In Win

Ending the meet with a spectacular new school and conference record in the 400 Free Relay, the Caltech swimmers gained a smashing defeat of a weak Whittier team, 73 to 21. The relay, consisting of Mickey Newton, Larry Daubek, Bruce Chesebro and Gary Tibbetts, went five full seconds under the old conference record, and six seconds under the school record set in 1959, as it finished in the time of 3:37.4. The splits were 56.0 for Newton, 55.8 for Daubek, 53.0 for Chesebro, and 52.6 for Tibbetts. Each man beat or tied his best time during the race, making this not only a new record, but an excellent time.

Elsewhere in the meet, two more school records were broken by soph freestyler Bruce Chesebro, who cleaved 0.1 second off Keith Brown's old record in the 50 Free by winning in 24.2, and broke Clark Rees' record of 53.8 in the 100 Free with a time of 53.6, a full second's improvement over his previous best.

The only places other than third collected by Whittier were: First in the 440 Free, where Tibbetts and Daubek were resting for the relay; second in the 100 Free; second in the 200 Individual, and second in the 200 Back.

In the 220 Free, Tibbetts and Daubek swam to their usual one-two finish, with about their usual times: 2:14.8 and 2:25.2. Mickey Newton hit one of his best times to finish second in the 50 with 25.1. Gary Turner picked up two first places, in the 200 Individual with 2:31.8, and in the 200 Back with 2:28.6, proving that a sprained ankle doesn't make a bit of difference to a swimmer who really cares.

Pete Mayer won the 200 Fly in the fairly slow time of 2:51.3, while in the outside lanes swimming unofficially, Bill Howard and Gary Mitchell had themselves quite a race, both beating Mayer, with Mitchell finishing in 2:44 and Howard in 2:46. Mayer redeemed himself in the 200 Breast as he and Al Huber pushed each other to their best times. Pete pushed past Huber in the last two laps to win in 2:44.7, and Huber finished second with 2:47.0.

Divers Jim Lindsey and Art McGarr continued their improve-

(Continued on page 6)

Golfers Win, Lose

The Caltech Varsity Golf Team defeated Whittier last Friday afternoon, 28-26, but were edged out by Occidental College in a match at the Annandale Country Club the following Monday, 49-5. The Monday contest was flavored with a curious twist of studiousness, the Oxy lead man perusing an economics text between strokes.

The victorious six against Whittier was comprised of Jerry Siegel playing first position; Ken Larson, second; Kay Sugahara, third; Gary Ihler, fourth; Bill Dowd, fifth; and Dave Siegel, sixth. In the Oxy game, Spike Curtis replaced Dave Siegel and played fourth position, moving Ihler and Dowd to fifth and sixth.

The lead man of the team in both games, Jerry Siegel, will play in the Southern California Intercollegiate Golf Tournament at Palm Springs next Sunday.

Ruddock Wins In Discobolus

Last Saturday Ruddock House "Riflemen" scored a Discobolus victory over challenging Page House. Beneath the roars of an Oxy-USC track meet, the Ruddock House team compiled a score of 615 out of a possible 750 to the score of 578 compiled by Page. Heroes of the day were Dan Paxton, who scored 139 out of 150 (including a spectacular 45 in the off-hand position) and Doug Fenwick, who scored 130 with the aid of 48s in both the kneeling and the prone positions. This crucial victory places Ruddock three points ahead of the nearest contender, Ricketts House, in the Discobolus race.



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Musical Notes

(Continued from Page 2)

choice of music and orchestration. The hard-driving groups tend to rely on tenor sax and trumpets, where more exotic sounds are obtained with such obtuse instruments as soprano sax, baritone sax, trombone, french horn, flute, oboe, vibraharp. To give a few examples of each and to listen to each will be enough to understand the differentiation of sound obtained by today's small groups.

Starting with the bigger of the small groups, we run into the Al Beletto Sextette. Personally, I could never understand the popularity of this group, but if one would like to hear a Dixie orchestration turned progressive (trumpet, trombone, sax, piano, bass, drums), a decent example would be **Half and Half** (Capitol T-751), where the Beletto group also tries vocalizing a la HI-LO's.

Today's quintets are probably the most popular of the modern small groups, but we can cover a large part of this field with the standard trumpet, sax, and rhythm section (piano, bass, drums) orchestration. Sometimes this kind of stuff, with proper arrangements, tunes, and artists can be quite interesting, but it all tends to be very similar. The big reed and brass men of the quintets are Art Pepper (sax), Miles Davis (trumpet), John Coltrane (sax), Sonny Rollins, Sonny Stitt, Jackie McLean, Frank Foster, Paul Quinichette, Coleman Hawkins, Eddie "Lockjaw" Davis, Arnett Cobb, and Cannonball Adderly (sax), Donald Byrd, Art Farber, Nat Adderly (trumpet), and Frank Wess (flute and sax). Oh, well, enough to say this orchestration is the mainstay of modern small group jazz.

Examples of this type of jazz are **Gettin' Together** (Art Pepper — Contemporary M 3573), **Walkin'** (Miles Davis — Prestige 7076), and **Wheelin' and Deelin'** (Wess, Coltrane, and Quinichette — Prestige 7131), not to miss **The Cannonball Adderly Quintet at the Lighthouse** (Riverside 344).

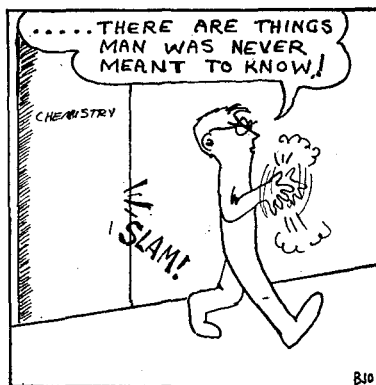
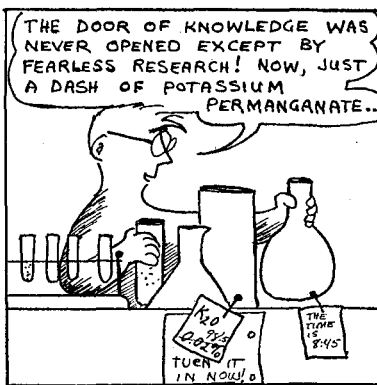
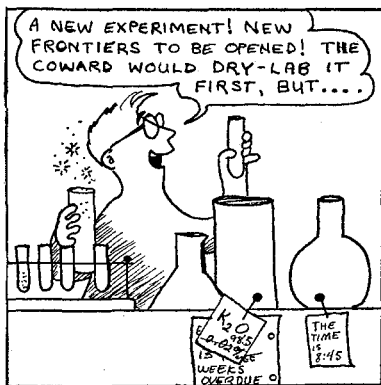
A little different is the trombone sound of Kai Winding and J. J. Johnson. Very smooth and easy. **K&J.J.** (Bethlehem BCP 6001).

Not to mention Shearing would probably be considered a sin by some. This group of piano, vibes, guitar, bass, and drums finds expression only through the wonderful fluency of the Shearing piano. I find most of his work saccharin, but a wonderful exception is **Shearing on Stage** (Capitol T-1187).

Thelonius Monk is one of the most respected and revolutionary men of the new groups. His ideas find expression in everything from trios to big bands, all led by Monk. Orchestration finds French horns and baritone saxes, as well as the mainstay tenor and also saxes and trumpet. A good album is **Monk** (Prestige 7053).

The quartets are as diversi-

CAL TECH



fied as group as one could possibly wish. They range from the fugue and counterpoint of Mulligan (**Mulligan Paris Concert**) — World Pacific PJ 1210) through the semi-classical Modern Jazz Quartet's **Django** (Prestige 7057) to the smooth guitar of Johnny Smith in **Flower Drum Song** (Roost LP 2231) to flute duets in the **Herbie Mann Sam Most Quintet** (Bethlehem BCP 40) and the vocalizations of groups such as the HI-LO's, The Four Freshmen, and above all, the "swingers," Lambert, Hendricks and Ross.

Even the type-cast quartet of piano, bass, drums, and wind instrument finds wonderful new expression in Dave Brubeck's **Time Out** (Columbia, CL 1397) (highly recommended).

To round things off, the trio is basically a means of expression for piano pounders and ticklers of all sorts. All is personal taste here, with choices of Horace Silver, Billy Taylor, Red Garland, Erroll Garner, Junior Mance, Oscar Peterson, Andre Previn, Wynton Kelly, and, believe it or not, Ray Charles.

Highly recommended are Andre Previn's **Modern Jazz Performances from My Fair Lady** (Contemporary C3527), Erroll Garner's **Erroll Garner** (Columbia CL535) and **Oscar Peterson at the Opera House** (Verve MG V 8269).

Get out and hear a few of these; they're worth it—and let's hear from you people. 'Snuff.

Baseball Team

(Continued from page 4)

leaded for the conference batting championship; Skip Stenbit and Buzz Merrill added valuable support at the plate. The main problem on Saturday, in direct contrast to previous games, was the failure of the Tech pitching staff. Merrill and Dave Barker were both hampered by control difficulty, allowing 22 walks in 18 innings. As an added blow to Coach Preisler's pitching woes, Barker announced after the game on Saturday his decision to quit the team in order to fulfill certain House commitments. His departure leaves a gaping hole in the mound core. As a temporary remedy, Coach Preisler plans to call on the services of John Arndt and Jim Morrow. In addition, Steve Heine-man, letterman pitcher from last year's team, decided to come out for the squad this year. His strong arm will be a valuable asset if, and when, he attains peak physical condition.

The frosh team looked promising in losing, 6-2, to Whittier last week. Bill Ricks again turned in a fine job on the mound, but the team couldn't seem to muster a sustained attack at the plate. In all, the Techmen garnered only one hit while striking out 19 times in the wake of the Poet pitching.

On Saturday, however, the outcome was a different story. The

STRINGALONG'S SHIP SUNK

It seems that two Floyd's were lamenting for the verdant meadows of Berkeleyland, as they are distractingly wont to do, when some of the impressionable eavesdroppers queried about the attractions of the frozen north. Answering in glowing descriptions of the beautiful surroundings, the two, Bugler and Navel, decided to agitate for a weekend migration during third term. Navel prods Bugler on, suggesting a Berkeley Exchange — complete with Berkeley. The two excitedly discover lunatics willing to support the idea and rush to impregnate the newly elected social chairmen with seed of idea. Social chairman Will Stringalong succumbs to Navel's obvious wisdom and buys idea.

"Bugler will supply women through Cal sorority," suggests basely motivated Navel, who then slyly retires from the scene.

Thirty sign up for the crusade, scheduled for this weekend.

"Fine," says Stringalong, rubbing hands together. "I will get 30 girls from high-class dormitory."

"Fine," says Bugler, jumping up and down. "I will get 30 girls from high-class sorority."

Unfortunately, Bugler and Stringalong neglected to tell each other of separate plans. Slop hits fan as rival Cal living groups discover party is with someone other than themselves. Each accuse other of crashing. Intense agitation reaches Pasadena via 1:30 a.m. phone call from girl to Bugler. Women, discovering excess of fairer sex in number of 30, make call for extra men — Cal variety. Mismanagement of campaign results in men in excess of about fifty. Wildly oscillating people-function takes over and latest word is for a party of about 250 people.

Track Meet

(Continued from page 4)

The javelin throw was dominated by Techmen. Mekjian threw the spear 160 ft. 4 in. for first, and freshmen Schoene and Petri took second and fourth, respectively, with 155 ft. 9 in. and 146 ft. 11 in.

frosh hurlers allowed 16 runs, while they could score only twice against the tough Occidental team. With these games against two of the best teams in the league under their belts, the frosh team is preparing for their encounter with Pomona.

Brewins

ple, only 30 from Tech.

Stringalong, unfortunate legal organizer, has a meager \$30 to splurge on the party. His plans of action are few and unpleasant. Reliable predictions by Bugler (running scared) fortell a maximum of 20,000 people at the intimate little party, and he recommends the consummation of a suicide pact with Stringalong by flight from the Golden Gate bridge. If he doesn't his only hope is to lose himself in the crowd so his girl can't find him. Another plan is to send the \$30 with Navel (who somehow came out of the mess without a mark) along with instructions for the Cal group to spend it as they will — like going to the movies. Third plan calls for donning housecoats and depending on Tech ingenuity (and celebrated Floyd RF Crew in an emergency) to pull them through. More next week.

MORAL MALE MANGLED

Hateful B, Flegm House Virgin, is not a man who rushes things; nor is he of the ilk that seeks release in the pleasures of the flesh. Ergo, Hateful is a very horny fellow indeed. This is not to label him anti-social, for his chastity is accompanied by an unquenchable, if platonic, ardor. Knowing this, Beak was not too surprised to see Hateful go thundering through the lounge late one Saturday night, trailing obscenity and splinters of tooth and wrist. Flagging him down in mid-career, Beak was treated to this heart-rending tale of woe:

"'Twould seem the poor fellow had been dating a sweet young thing for some little while—this particular Saturday being

the occasion of their 25th date. Now Hateful is no lascivious cad; far be it from him to discourage and distress by undue show of passion. In fact, he had not dared kiss the fair maid until this very night. Beak's congratulations were interrupted by a moan of agony from Hateful.

"Gentle Hateful," quoth Beak, "wherefore moanest thou on so joyous an occasion?"

"I kissed her," he screeched, "and then she said, 'you better date other girls—you need to learn more about life. You're full of repressions.'"

One last moan, the sound of running feet, a crash of glass against the Synchrotron.

FINGAL FILCHED

Once again, Beak hears rumor that Fingal, Floyd alley deity, has disappeared. Having only recently returned from vacation, the idol has hardly had a chance to provide spiritual guidance for the believers. Subjects of the wooden idol were somewhat aggrieved to find nothing more than a mound of sawdust where their leader used to rest. Although rewards are not being offered for his return (Beak wonders if it would be sacrilege), grateful prayers will be offered for whoever recovers Fingal.

Notice

EXCHANGES

The ASCIT Social Chairman committee would like to make it clear that students are not to go to other Houses' exchange unless invited by a member of that House.

Splashers Smash

(Continued from page 4)

ment as they took an unopposed first and second, respectively.

In the Frosh meet, Caltech won very thoroughly by a score of 69 to 14, partly because Whittier did Tech the favor of not making entries in all but three events. Art Turner picked up two first places, being followed by Bob Storwick in the 200 Individual, and swimming all alone in the 200 Back, where he hit 2:34.8.

In the 200 Fly there was a furious finish as Demirlioglu just managed to preserve his lead over Dave Lambert. Winning time was 3:13.8, and second place was 3:14.5. Lambert went on to win the 200 Breast in his best

time of 3:02.7. Another close finish featured Tom Crocker and Mike McCammon in the 440 Free, where they finished in the identical time of 6:08.0, with Crocker winning by a full hairsbreadth.

Dave Seib, recovering from his usual weekly cold, won the 220 Free in the good time of 2:25.8, and was awarded first place in the 100 Free when Delave of Whittier was disqualified.

All in all the meet was very encouraging, and it appears both Frosh and Varsity teams should be in excellent shape for the conference meet in three weeks. The next meet is a non-conference meet with Long Beach State in the Caltech pool tomorrow.

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