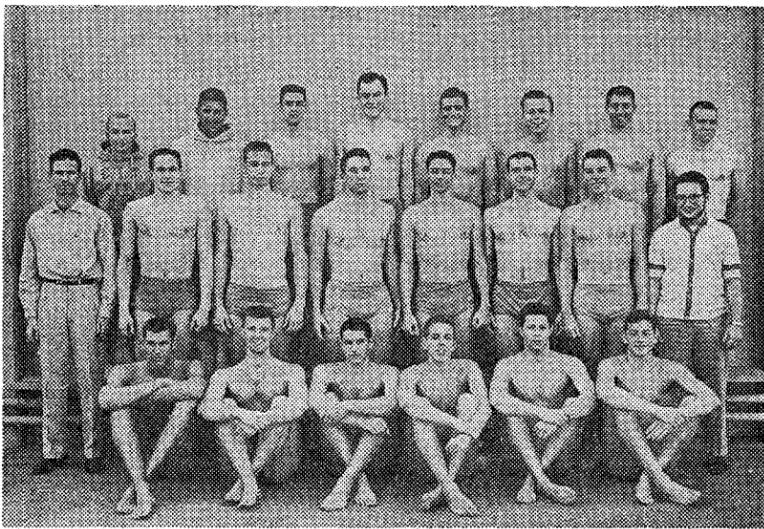


Tech Sweeps Swim Finals



Varsity swim team as they posed at the end of second term. Second consecutive conference championship was a real team victory; these are the men that did the job.

BY PETE RONY

Displaying strength in every event, the Caltech Frosh and Varsity swim teams swept to convincing victories over their SCIAC opponents in the conference finals held at Caltech's Alumni Pool last week. This is the second year in a row that Caltech has won the conference crown in both divisions.

The score in the varsity competition was Caltech, 101; Occidental, 56; Redlands, 53; Claremont-Harvey Mudd, 46; Whittier, 22; and Pomona, 0. The Caltech frosh won with 103 points, followed by Oxy, 74; Pomona, 30; Redlands, 24; C-HM, 22; and Whittier, 2.

TOP PERFORMANCES

Highlighting the Caltech performances was the effort of the 400-yard medley relay team of Turner, Buck, Howard and

Rony. They lowered the conference meet record by 8.3 seconds and set a new Alumni Pool record with the time of 4:09.5.

Marshall Buck, the lone varsity tankman to garner three gold medals, took first places in both the butterfly and breaststroke events with fine efforts of 2:34.7 and 2:32.8, respectively.

Gary Tibbetts recorded a 2:13.7 in taking second place in the 220-yard freestyle, while Gary Turner's times of 2:24.4 and 2:27.5 in the backstroke and individual medley were his best efforts by several seconds in these events.

Pete Mayer finally regained the form which made him a conference freshman champion as he took a close second to Marshall Buck in the 200-yard butterfly and also placed in the 200-yard breaststroke.

The 400-yard freestyle relay team chopped four seconds off their previous best this season with a time of 3:44.7, only to take a close second to the Redlands foursome.

Other Emerymen to place in the conference finals were Russ Russell in the sprint events, Gary Mitchell in the 220 and the butterfly, Bill Hogan in the breaststroke, Sherman Gratch in the breaststroke and individual medley, and Milton Lindner and Dave Tucker in the 440.

CONFERENCE RECORDS SET

The top individual efforts by members of other teams were those of Max Harris and Bert Kanner of Occidental, and Hugh Winn in Redlands. Kanner edged Gary Tibbetts out by .7 of a second as he set a new conference record in the 220-yard freestyle. Harris displayed the top form which enabled him to place twentieth in the NCAA competition this year as he took first in diving. Winn accounted for a fine triple, as he set a conference record of 2:17.8 in the

individual medley in the preliminaries, a new Alumni pool and conference record in the 440 with a time of 4:49.1, and led the 400 freestyle relay team to a victory over Caltech with a time of 3:43.2.

FROSH WIN EASILY

Every member of the freshman squad scored points as Caltech's depth proved to be the decisive factor in their victory over Occidental.

Jim McCoy, Mickey Newton, Bruce Chesebro, and Larry Daubek teamed up to set a new record of 3:50.3 in the 400-yard freestyle relay event. Their winning time was only 1.8 seconds behind Oxy's third-place time in the varsity division.

Consistent Bruce Chesebro and Mickey Newton placed first and second in 50-yard freestyle with times of 25.2 and 25.7, respectively, and second and fourth in the 100-yard freestyle with times of 56.0 and 58.0.

Larry Daubek took silver medals in both the 220 and 440-yard freestyle with season's best efforts of 2:23.3 and 5:19.2, while Pat Manning took second in the individual medley with a time as Pat Manning, Jim Shaw, and of 2:35.8.

The backstroke event proved

(Continued from page 1)

to be one of Caltech's strongest, Jay Russo teamed up to take first, second, and fourth with times of 2:33.4, 2:40.1, and 2:44.2.

DIVERS SCORE

In the diving competition, the fine efforts of Jim Kummer, who placed first, and Jim Johnson, who garnered fourth, prevented a sweep of the event by last-minute entrants from Oxy. Kummer's gold medal winning performance indicates his potential to fill the spot vacated by this year's graduating seniors.

All-out efforts by Manning, (Continued on page 6)

California Tech

Associated Students of the California Institute of Technology

Volume LXI

Pasadena, California, Thursday, May 12, 1960

Number 28

Science Curriculum Changes Announced

The science options have formulated tentative curriculum revisions designed to facilitate the changing of one's option after the sophomore year. These will be submitted to a meeting of the faculty on May 31.

Common to all departments is the elimination of specific sophomore "scientific culture" courses. Geology, astronomy, and the like will still be offered, but students may choose other science or engineering courses.

The Geology and Biology departments plan substantial changes, while the Math, Physics, Astronomy, and Chemistry options will undergo only slight juggling. The Chemistry and Biology revisions have received Faculty Board approval. Other option's programs will be considered on May 24.

MATH, PHYSICS

The sole change in Math requirements is the extension of Math 5 from a two to a three-term course in the sophomore year. Electives taken in the sophomore year must be in other departments.

There will be several changes in upper-division math electives, but Math 108 remains the only

specific upper-division requirement.

The Physics Department plans no changes in requirements. Eighteen of the 27 newly freed sophomore elective time must be spent outside of the Math and Physics Departments.

Astronomy majors will continue to have the same requirements, with several new senior electives available next year. Only Ay 1 will be required in the sophomore year.

CHEMISTRY

Liberalization in requirements for the chemistry option took place two years ago, and only minor changes are planned this year. Chem 41 and 46, organic chemistry, continue to be required in the sophomore year. Oral presentation, Ch 90, is being moved to first term of the junior year to balance elective time between the terms.

No chemistry courses may be taken in the new sophomore elective time. Nine units of chemical engineering will be permitted. A new course, ChemE 50, will be offered second term to introduce interested sophomores to practical chemistry.

GEOLOGY

Geology 1 and Mineralogy, Ge 3, are the courses which the Division of Geological Sciences plans to require of sophomores. (Continued on page 3)

Six RA's Chosen To Fill Vacancies

Six new Resident Associates for the Student Houses were appointed this week by the faculty Student House Committee. They are Philip Banks, geology; William Dove, chemistry; Noel Joes, chemistry; Dr. Robert Rinker, chem engineering; Robert Ryan, math, and Dr. Richard Stanford, chemistry.

The men are dining in the Houses this week and will be assigned to specific vacancies by Dr. Huttenback, with the advice of the IHC next week. John Andelin will continue as RA of Ricketts.

Gals Hit Tech For Enjoyably Lost Weekend

Tomorrow the 1960 Edition of ASCIT's annual Lost Weekend will get under way as imported girls arrive from all parts of the country.

Residents of secluded alleys in the Student Houses will vacate their rooms for the week-end guests. ASCIT Social Chairman Tim Little and a committee of House social chairmen have planned a full schedule of events, starting Friday afternoon.

Friday, May 1

3:00 p.m.—Girls arrive on campus and check into their rooms.

7:00 p.m.—Dinner will be served in the Olive Court around the dance floor. The meal will feature steak or fish.

8:00 p.m.—The Gordon Mitchell band will play continuously in the Olive Court except during folk singing and entertainment.

At the same time there will be a casino party running in Ricketts Lounge.

Saturday, May 14

Beach party at Huntington, maps will be provided.

1:00-3:00 p.m.—Picnic Lunch.

4:30-5:00—Leave for Disneyland. Show at Golden Nugget. Dinner. Ticket books available today.

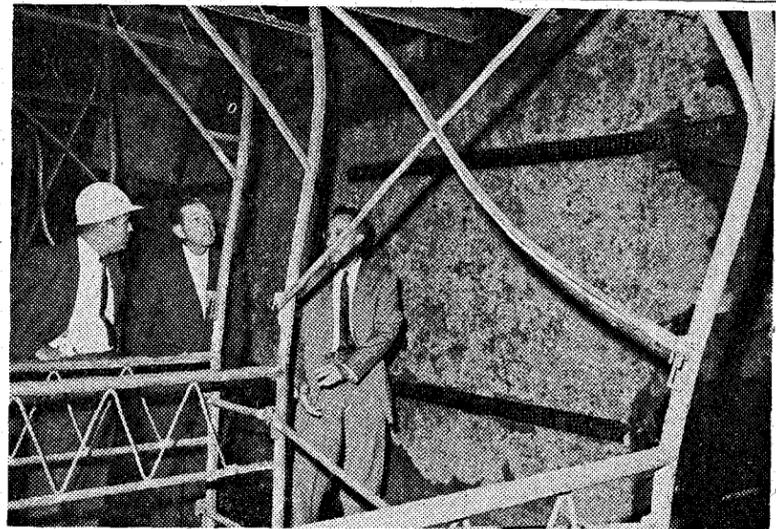
9:30 p.m.—Cocktail party at a house near campus.

Sunday, May 15

9:30 a.m. and on—Breakfast at Le Bayou.

Profs Join NAS

Dr. Norman R. Davidson, professor of chemistry; Dr. Murray Gell-Man, professor of theoretical physics; Dr. Roger W. Sperry, professor of psychobiology, and Dr. Olin C. Wilson, Palomar astronomer, were recently elected members of the National Academy of Sciences. Election constitutes recognition of their research achievements.



Mr. George Green, Institute vice-president (center), and two Physical Plant officials investigate fire damage on top floor of new Keck engineering building.

Fire Breaks Out On Keck Third Floor; Construction Delayed

Insurance adjusters, the Physical Plant Department, and interested spectators are still poking around in the ashes from last Sunday's fire in the shell-which-is-to-be Keck Engineering Laboratories. So far, nobody has come up with even educated guesses as to the cause of the blaze or how much it will slow down construction of the building, which was slated to be occupied in mid-September.

The fire began early Saturday morning in the northern one-third of the top floor. Flames burning through wooden cement forms still in place on the third

floor were noticed by passersby, who in turn notified the Pasadena Fire Department. At the height of the blaze, six trucks were taking up most of the space on San Pasqual and streets by the building.

The bulk of the fire department's time was spent in trying to break through to the fire area, which was isolated by the foot-thick concrete walls and ceiling of the building. Temperature inside the enclosed area was estimated to be as high as 2,000 degrees, and one fireman was temporarily overcome by fumes

(Continued on page 6)

Class Leaders Picked May 17

Election of next year's sophomore, junior, and senior class officers will take place next Tuesday, May 17. Several amendments to the By-Laws will also be on the ballot (see story on page 6). Nominations will remain open until noon, Monday, and should be submitted to respective class presidents.

The list of candidates as of noon yesterday follows:

SENIORS

Board of Control: Ben Burke, Skip Stenbit, Doug Stewart.

President: Don Forrest, Bob Heath, Ken Nelson, Bruce Ulrich.

Vice-President: Rod Dokken, Richard Drew.

(Continued on page 5)

LITTLE MAN ON CAMPUS

by Dick Bibler



About your lecture, today, sir . . .

Editorial

By-Laws Revision

We strongly urge the adoption of all five revisions to the ASCIT by-laws to be presented on next Tuesday's ballot (See complete text on page 6). All are in the spirit of simplification and flexibility.

Removal of the definite quota on the membership of the Executive committee should help greatly in making it possible each year to organize the most effective group. For example, if some year there are seven qualified applicants and the committee feels that the services of all would be valuable, all seven could be appointed. However, in another case there may be less than five good men and the appointment of more would detract from the committee. The upper limit of eight should keep the committee within workable size in any case and the lower limit of four should insure that work will always go on.

Forcing the Executive committee to meet every week even when it is inconvenient or there is nothing pressing to discuss (Of course this should never happen) seems a ridiculous rule and should be removed. Since any two members can call a meeting, this seems sufficient guarantee of justice.

A revision in the nomination procedure has long seemed necessary to prevent a candidate from nominating an unknown against him on the first night of nominations to close the race before more qualified men have a chance to run.

The increase in the salary of the Big T editor, it has already been ascertained, will attract many more qualified applicants and anyone who has seen the book the last few years should be in favor of the T.

Worthwhile Project

Tomorrow is the last day to contribute to "Project Hong Kong" this year's ASCIT charities drive. The money is to be directed toward scholarships for Chinese refugee college students in Hong Kong. The scholarships will be awarded on a one-year basis in the form of monthly financial grants of \$14 US and will be expressly labeled as from Caltech.

The World University service will interview all applicants for the Caltech scholarships. Each winner must be registered in one of Hong Kong's nine refugee colleges and be passing all courses. Preference will be given to the neediest cases.

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Worth The Drive

Foreign Movies Rated Higher On Style, Stars, Photography

BY ROGER NOEL AND LANCE TAYLOR

During the past year moviegoers have been blessed with the release of several top-notch films. As in the past, most of them are foreign, but a few can claim at least partial home-grownness.

CAN-CAN

One of the most enjoyable films is the movie version of Cole Porter's "Can-Can." The movie is a big production, and really too spectacular, but it is hard to over-do Cole Porter. Frank Sinatra turns in a typical performance (whether this is good or bad is entirely subjective—I like him), and Shirley MacLaine is great.

The movie is reminiscent of "Gigi," in that it is very sugary, and will depress no one. It is three hours of good music, little story, and no message. But it is still a very good time.

BLACK ORPHEUS

Probably the best film made the past year was the French-Brazilian masterpiece, "Black Orpheus," a modern version of the old tale from Greek mythology of Orpheus and Eurydice. The myth relates the story of Orpheus' trek into the underworld to retrieve his wife. He is told that he may have her back if he will not look back to see her on his way out of Hell. As he reaches the end of the journey back to earth, he glances backward, and Eurydice falls back to be lost forever.

In "Black Orpheus" all the major characters, and even the major events, in the ancient myth are translated into modern situations. The resultant effect is both beautiful and macabre.

The whole movie is done with a background of frantic latin rhythms, which become at times exasperating. Yet, it seems, when the plot demands it, these rhythms capture the audience, seeming natural and compelling. The whole temper of the movie is set by the accompanying bongo beats. And this is but one small part of a very complete, very enjoyable movie. This is one you'll want to see two or three times.

MAN IN HAVANA

On the lighter side, "Our Man in Havana," contrary to its write-ups in the theater advertisements, is first and foremost a very funny satire in modern diplomacy and international relations. Alec Guinness plays the lead role as a spy who lies, creating "secrets" to satisfy the demands of his superiors. As

the story unfolds, Guinness becomes one of the world's top spies, all on the strength of his fabrications. Before the movie ends, Guinness has several narrow escapes from counter spies and spies from other countries, all of whom are trying to steal the phony secrets.

Although this picture has no deep-seated moral message, as seems to be the vogue now days, it succeeds nobly in being good, clean fun, especially for those who are somewhat cynical about modern international politics.

CRANES ARE FLYING

"The Cranes Are Flying" is a Russian import. It is a love-in-war story, and was probably filmed with more than a vague aim to boost the Motherland. Even with these handicaps, it is a very good movie.

"Cranes" is a virtuoso performance, and is very apparently the result of long and loving devotion on the part of everybody concerned. The cinematography alone probably took months to plan and execute, for at once it is somehow both racing and sedate, kaleidoscopic and precise, incisive and ghostly. Throughout the film, which is really a series of vignettes of life in Moscow, the military hospitals, and the front, the camera provides both continuity and variety. More than any other film currently in town, "Cranes" utilizes the immense power of the motion picture photography.

The camera work is not the only strong point of the film. The acting is natural and unhurried, the direction is thoughtful, and the heroines is incredibly beautiful above the neck and far from ugly below. Much of the film, in fact, is devoted to

Interoffice Memo

We've received numerous complaints in the last three weeks that the campus bulletin board in front of the cafeteria has fallen into a sad state of disrepair.

Many people depend on the bulletin board for up-to-date information regarding times and places of campus events—things such as panel discussion, chamber music concerts, and league swimming finals.

Chuck Brooke, ASCIT representative, has certainly fallen down on the job. Let's see what we can do about stirring up some action; then visitors to the campus, students, and faculty can have an accurate and constantly available source of information.

Letters

Bauer Corrected

Editor, California Tech:

It is incumbent upon those who speak from the privileged position of officialdom to be accurate in their statements of fact. To wit, the "President's Column" of April 28, 1960.

"A psychologist is not a personal adjustment counselor or a specialist in guidance; he is a trained specialist in helping those faced with a mental illness of some type."

Not so. A (clinical) psychologist is (may be), among other things, a personal adjustment counselor or a specialist in guid-

ance. It is a psychiatrist (a medical doctor trained in this medical specialty) who, among other things, is trained in helping those faced with a mental illness of some type.

Other statements in the column related to emotional, psychological and mental health are also open to question and discussion. However, these are presumably set forth as the President's opinions. They should be respected as such, but they should not necessarily be accepted as valid statements of fact.

Daniel C. Siegel, M.D.

close-ups of Sonya and her eloquent gestures and expressions. It is time well spent.

Technical virtues alone would combine to make "Cranes" a powerful and moving story of love and war. In addition, it is also a very moral film, in the good sense of the word. The Russians always had a talent for producing works which are both artistically tasteful and morally profound, and "Cranes" is no exception to the rule. Like a Dostoevsky novel or an Eisenstein film, this one is worth enjoying, and then maybe enjoying again.

BERGMAN

Also on the profound side are two Ingmar Bergman films, "The Magician" and "Wild Strawberries," which are currently showing at the State in Pasadena.

"Wild Strawberries" is about an old doctor, and is a stream-of-consciousness portrayal of a day in his life. It is full of his impressions, his day-dreams, and his memories of a long-repressed and unhappy childhood. It is also full of superb camera work and fine performances by the well-drilled Swedish National Theater troupe of actors.

The moral theme of "Wild Strawberries" hinges about the eternal loneliness of every man. Bergman does his usual effective job of getting his ideas across.

"The Magician" poses some problems for scientists. It is the story of a person who is apparently a charlatan traveling about Europe presenting a magic and hypnotism show. This "Magician" winds up in the home of a mayor of a Swedish town, and there is confronted with a Rationalistic doctor and an antagonistic police captain. The struggles of the hero with these functionaries and with his own twisted soul, provide ample ground for Bergman to investigate science and its pretensions.



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by griffen



Spring evidenced itself quite forcefully this past week. A small group of inspired Techmen walked to Forest (We'll Bury You) Lawn to commemorate an anniversary of the oil-drop experiment. It really was expected that about several hundred students and faculty would turn out for this great pilgrimage, but only a handful of people who like to act instead of just writing letters to the editor made the long hike. There was even a girl. But on to the story.

When the Great Pilgrimage came to the pearly gates, they were almost met by a picket line of pseudo-students with placards deploring the practices of the Lawn. Obviously not in the mood for jokes, the pilgrims seriously walked through the line amid pleas of, "Come on fellas, they won't give us the wreath if you fool around." The picketers weren't daunted even by such appeals. They continued to raise more and more signs, such as: "Ashes to ashes, dust to dust; somebody's ashes are too hot for us," and "Jews separate but equal" and "Who's holy?" and "Negroes separate but equal" and other criticising the subtle commercialism of the park.

It soon became clear to the picketers that the majority of people entering and leaving The Lawn did not sympathize with law-abiding students. Older women were especially vehement in chastising the simple and beautiful actions of friendly, well-behaved trolls. Even though it was Saturday, these women insisted that we go out and work. Good work like mowing lawns or cleaning the streets. These people really had the picketers' interest at heart. They called us beatniks (a catch-all phrase that includes everything bad) and some were even more specific—Sex fiends seemed to describe us pretty well.

The Glendale police were also there for the strike. (Got a date for the strike?) They were really quite nice. So were the Forest Lawners. They even let us use "their" sidewalk, as long as we didn't step on "their" grass or block "their" driveway or cause trouble. The Times reporter showed up and took a picture and started asking the usual questions, especially the what-school-are-you-from bit. Rubino too him aside and tried to make him feel sorry because he worked for such a bad newspaper with such a biased editor. All Rubino wanted him to do was "question his conscience." The poor man went away, shaking his drooping head and beating himself on the back with his camera strap.

Actually, the picketing was an interesting experience for everyone concerned. Most of the Techmen there had never picketed before and it was good practice for socialist movements, sit-down strikes, etc. It certainly gave an insight into the stupidity of most people, who identify any protest with laziness or general trouble-making. Even if students should protest something important in the future, the ordinary American is not aware enough to know the difference between good and bad in these

protests. He is almost completely controlled by some mass media—if it is not television, then it is religion, or anything to bury the individual beneath a pile of "desirable" values. More than once, passersby would ask us what we hoped to gain by picketing. The answer was simple: Love.

**Pickers Find All Not Green
At Forest Lawn - - Just Money**

BY ARTURO RUBINO

Eighteen Caltech activists led by Arturo Rubino picketed Forest Lawn Cemetery last Saturday in an attempt to nullify any beneficial publicity the Lawn might receive by the Millikan pilgrimage. The picketers protested the separate-but-equal treatment to Negroes and Jews, and pointed out the commercialism of the Lawn with posters: "Law of the Lawn: racial discrimination." "The CRUCIFIXION, a study in gaudy commercialism." "Forest Lawn, 1-stop service, but we reserve the right to refuse service to anyone." "Just a matter of good business: NO Negroes." "For Negroes—separate but equal." "Bigotry? Hate? Stupidity? Commercialism!" "Who's Holy?" "Ashes to Ashes, Dust to Dust, but somebody's Ashes are too HOT for us!"

It was hoped that the pilgrims would balk at the picket line, thus thwarting the Lawn's already-prepared press releases and would lure over the press. Not so. The picketers quickly attracted about all of Glendale's police force: five squad cars, two motorcycles, and a paddy wagon, but they were allowed to continue their picketing. They were informed by the police that they were standing on Forest Lawn's private sidewalk but that the Lawn had graciously permitted the picketers' use of it.

Apparently few of the hundreds of people who motored in and out of the entrance to the Beauty that Comforts" actually read the placards with their bold but quite readable scrawl. Angry people stuck their heads out of car windows with utterances like, "Haven't you Beatniks

Science Curriculum Revisions

(Continued from page 1)

Ge 2 and Ge 5, Geophysics and Geobiology, will be electives. Ge 3 is a prerequisite to the key Ge 104 petrology series required in the junior year.

Dr. Robert Sharp, chairman of the division, moved to allow Mineralogy to be taken in the junior year concurrently with Ge 104a, but the measure was defeated within the department. Unless a student decides to major in geology in time to take Ge 3 in the second term of this sophomore year he is, according to Dr. Sharp, "in a hell of a bind."

Although no longer required,

Chem 14, Quantitative Analysis, is highly recommended for geologists. The requirement is being dropped because of scheduling difficulties.

Ge 109, Structural Geology, and Ge 176, Elementary Seismology, will no longer be required. Oral Presentation, Ge 102, is defunct.

NEW STEP

A novel step planned in geology is the elimination of Econ 4 as a requirement. The only department not specifically requiring economics at the present time is Math, which permits substitution of another humanities

course. Economics Professor Alan Sweezy states that the Math Department's policy is a very wise one. The consensus of Faculty EPC members polled is that individual departments are free to substitute other humanities requirements for economics. **BIOLOGY**

In theory the biology option plans to have no requirements in the sophomore year. However, Chem 41 and 46, organic chemistry, and Biology 1 remain graduation requirements and must be made up if not taken in the sophomore year. Cell Biology, Bi 9, is a new course replacing Genetics as a third-term sophomore course. This also is required for graduation.

This summer is the last time that zoology will be taught at Corona Del Mar. This course will be replaced by Animal Biology, Bi 10, a 12-unit course, which will be required in the winter term of the junior year.

In the junior year Bi 20, Mammalian Anatomy and Histology, has been changed from required second-term course to a third-term elective. Advanced Plant Biology, Bi 5, is being dropped and some of the material incorporated in Bi 3, still a 12-unit junior course in plant biology.

Bi 115 and Bi 116, Plant and Animal Physiology, are being dropped. A new course on general physiology, Bi 118, will be 10 units required in the fall of the senior year. Psychobiology, Bi 117, is now elective, as is Bi 110, General Microbiology. Embryology, Bi 106, also newly elective, will now be offered second term.

Genetics, Bi 122, or Bi 2 renumbered, will be required in the senior year if not taken earlier.

Biology majors will now have 133 units of electives, an approximately four-fold increase over the previous number. Approximate elective totals for the other scientific options as follows: astronomy, 140; chemistry, 108; geology, 100; math, 210, and physics, 150.

something better to do?" or "Sex-Fiends!" or "Why don't you bury him in a Jewish cemetery? He was a Jew, you know!" answered by "Who?" or "What do you Beatniks expect to get out of this?" answered by, "Love," and occasionally the people uttered some unprintables or made classic finger gestures.

Eventually, after a telephone call, an L.A. Times reporter-photographer joined the Lawn management men who were clicking away, each clad in drab, each sporting his own 35-mm. After the reporter took some shots of the picketers' backs and inquired what the picketing had to do with Chessman he retreated to talk with the Lawn publicity man. Arturo, undaunted, pursued the pair and entered into a lengthy debate.

It seems there's a law against racial discrimination and, therefore, the publicity director of the Lawn claimed that Negroes could be buried wherever they wanted. When asked how many were buried in the Glendale cemetery, the publicity director claimed that he had no idea, and that he did not have access to the records. When Arturo offered a guess of none, the pub-

licity man admitted, "That's as good a guess as any." The reporter after suffering a browbeating from Arturo for prostituting himself to Chandler came up with, "How come there's no Negroes picketing with you?" He could not be made to understand Arturo's screaming that that remark was irrelevant. The publicity man even stuck to his claim of absolutely no racial discrimination after Arturo remarked that he had just heard the contrary from the Lawn Rectory over the telephone.

When the Times reporter finally left after remarking that he had come in hope of a Chessman story and indicating he didn't think there was any news in the picketing, Arturo sadly called off the picketers.

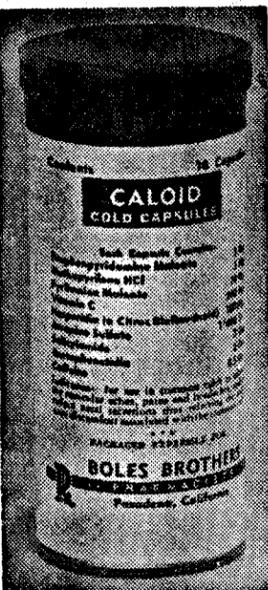
Apparently, the publicity man quickly phoned in the story to the local radio, for the news broadcasters' versions were like this: "18 Caltech students picketed Forest Lawn today; earlier this week there were several thousand dollars' vandalism" . . . and on another station, "18 Caltech students picketed . . . but left quietly after it was explained to them that there was no racial discrimination."

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SPORTS



Jan Dash flies through the air with greatest of effort as he jumps in freshman Conference track finals at Oxy last Friday.

Occidental Wins Track Crown

Caltech was unable to finish better than last in the all-conference track meet held Friday at Occidental College. Oxy won the meet easily, as expected, in both the varsity and frosh divisions.

In the varsity meet, Occidental demonstrated why it deserves to be rated among the nation's best track teams as it won almost every event easily. The final results of the meet were: Occidental, 109%; Redlands, 54½%; Whittier, 27%; Pomona, 18; Claremont, 10; and Caltech, 5.

GOOD VARSITY MARKS

Caltech got three fifths and a fourth to make up its total of five points. Several of the Beavers failed to repeat pre-meet marks and were unable to get points that had been expected, but others equalled or excelled their all-time bests to place in the heavy competition.

The pole vault proved to be Caltech's big event as both Pete Rux and John Weaver managed to get places. Rux equaled his best previous mark of 12 feet and took fifth place, while John Weaver returned to his form of previous years and did 12 ft. 6 in. to get fourth. These performances were all the more significant as the meet was held at night and the crossbar was difficult to see for those athletes who were accustomed to daylight competition.

Dick Tuft ran the best time of his life to get fifth place in the mile. His time, just five seconds off the school record, was 4:27.0.

The relay team (consisting of Dick Tuft, Mike Ruecker, Ben Burke, and Tom Keil) cut several seconds off their best time this year to get themselves a place.

FROSH SHOW POTENTIAL

The frosh relay team of Saam, Dash, Pfeffer, and Lindsey finished second to Oxy in the fine time of 3:29.6.

John Letcher, a newcomer to athletic competition, tied for second in the high jump with a 5-foot 10-inch performance.

Jan Dash was the high-point man for the Beavers. He scored 3 points in the broad jump for a third-place jump of 21 feet 9

inches, just 2 inches shy of the Frosh record. He also tied for fifth in the quarter with a time of 51.0.

Pat Early set a new Caltech Frosh record in the two mile, but could get no better than a third. His record time was 10:14.1.

GREAT POTENTIAL

Unfortunately, the track team did not do very well in league competition this year, although it had a very good record against weaker non-league opponents. This may have been due to the lack of good material for Coach LaBrucherie to work with. Next year may show improvement, however. None of the men who placed in the league meet this year will graduate, and some of the newer members of the track team have showed great improvement this year and should show good future improvements.

Pomona Takes Golf Match

It was the same old story for the Caltech golf team last Friday. This time they bowed to Pomona, 54-0, in a match played at Los Serranos Country Club, the victor's home course.

In their win Pomona displayed the power that has kept them atop the conference standings all season. Five of their top six men scored in the 70s. Stan Jones led the Sagehens with a 76.

Tomorrow Caltech meets the Los Angeles State JV team at Brookside. This could conceivably be the first—and last—win of the year for the Techmen.

Tech Sweeps Twin Slate From CHM

The Beaver's varsity swept a double-header from Claremont last Saturday after losing their last home game to Redlands. Dave Blakemore hurled the first game and had a two-hit shutout until the ninth inning; but a walk and two hits gave the Stags three runs. While Blakemore was holding the Stags quiet, Tech was pushing across runs steadily. Fred Newman showed a return to his old form as he went three for four and batted in two runs. The final score was 8-3.

Although the Beaver pitching in the second game was less consistent, the Techmen bashed out a nine-run second inning to set an insurmountable lead. The explosion was sparked by a grand slam home run from the bat of Skip Stenbit, and led to a 15-9 Tech victory.

In the only losing cause, Redlands took the Beavers to the tune of 11-7. Tech hit well, but to no avail. Newman, Blakemore, and Walsh all had three hits; but the Beaver mound crew had a hard time finding the range, and Redlands scored almost at will.

Caltech Wins Team Sailing Title, Oxy 2d

Caltech won the Pacific Coast Intercollegiate Team Racing Championship from Occidental last Sunday. The Caltech team, consisting of three boats skippered by Tom Bowman, Doug Stewart, and Keith Matthews, respectively, swept the first race and was never again headed.

Tom Bowman again proved to be the best of the skippers as he sailed to two firsts, two seconds, and a fifth. Keith Matthews finished second in the regatta as he sailed to a first and three thirds.

Caltech's overwhelming victory over the usually strong Occidental Tigers was due primarily due to the poor performance of Sue Exley, Oxy's best skipper.



Beaver Chips

By Noll

Swimmers Deserve Praise

The 1960 version of Caltech's swimming team deserves lots of credit for a great job. The team worked hard all season, no normal fete for Caltech squads, and came through nicely when the chips were down. In spite of serious losses due to graduation, the squad piled up an even bigger margin than it did last year to win the crown going away.

A lot of credit for the perennial strength of the Caltech paddlers must go to Coach Webb Emery. Certainly Tech students can't consistently have more ability in swimming than any other sport—it is impossible for this to happen so often. Coach Emery is just able to develop the talent he has to work with to a very astounding degree. While many of our track stars are running slower than they did in high school, the swimmers continue to improve tremendously during their four years with Webb. This is more than coincidence—Emery is as good as anybody around in teaching people how to swim.

Looking to the future, prospects for next season's swimming look great. Only Pete Rony, Bob Thompson and Dave Tucker will graduate of those that scored points in the conference meet—and these three accounted for less than fifteen points. Up from the frosh will be many varsity calibre performers, including Bruce Cheseboro and Mickey Newton who will fill the only weakness on this year's team, the sprints. All in all, Coach Emery should pick up his fourth conference crown by an even bigger margin next year.

Good Year Comes to End

This is the final week for varsity sports—soon the records will be written. Caltech did well this year. We won the homecoming football game, finished high in water polo, did better in basketball than we had done in five years, played close games with the best in the country in soccer, had good strong frosh squads in nearly every sport, and won the conference swimming title. And tomorrow, we'll probably take third in the conference tennis tournament. No Caltech team was really humiliated this year; they all had their moments of glory. Many of the teams were able to pull off big upsets: the JV soccer squad upset UCLA's powerful JV, the water poloists shocked Oxy, and the football squad beat CMC in a supposed upset. Not the least of these, the basketball team lost a twelve point game to Whittier, after leading much of the way. The Poets went on to the quarter-finals of the NAIA national tournament.

The outlook for next year is even brighter. For the first time in several years, Caltech has put together two good athletic classes in a row—this year's sophomores and freshmen. The sophomores carried more than their normal load this year, and the freshmen promise to be even better in many respects. So look for an even better year during 60-61, and if we get really lucky and land a few top athletes for next year's frosh—well, world, watch out!

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Robinson Talks On Sit-Down Strikes

Marvin Robinson, student body president of Southern University, will give a speech on the recent sit-down strikes in the South. The speech will be given in Dabney Lounge at 7:30, next Tuesday evening, May 17. Pasadena College (not PCC) is invited. Marvin will also lead an informal discussion at 4:30 the same afternoon in the Y Lounge.

The Southern University has been very active in the recent sit-down strikes in southern chain stores. In these strikes, Negro students occupy lunch counter seats in a cafeteria which refuses to serve Negroes. The result is that no customers can be served at all. The students are instructed not to ap-

Peace Prize Oration Set

The annual Conger Peace Prize oration will be held Thursday, May 26, at 11 a.m., in Culbertson Hall. Prizes of \$50 and \$25 will be offered for the best original orations on world or industrial peace.

The Conger Peace Prize was established in 1912 by the Reverend Everett L. Conger for the promotion of interest in the movement toward universal peace, and for the furtherance of public speaking. The contest is under the direction of representatives of the Division of the Humanities.

Students participating in the contest should turn in a copy of a seven-minute speech to Dwight R. Thomas, 309 Dabney, one week prior to the contest.

Candidates

(Continued from page 1)

Secretary: Joe Yellin.
Treasurer: Peter Mayer.
Athletic Manager: Bob Ruby.

JUNIORS

Board of Control: Dean Gerber, John Golden, Gary Mitchell, Carl Rovainen, Tom Slobko.

President: Dick Chang, Lowell Hill.

Vice-President: Kerry Donovan, Gary Turner.

Secretary: Arthur McGarr.

Treasurer: John Curtis.

Athletic Manager: Al Bernstein

SOPHOMORES

Board of Control: Tom Bopp, Larry Rabinowitz, Harold Thomas.

President: Carlos Johnson, John Lindsey, Art Robinson.

Vice-President: Henry Abarbanel, Ken Manly, Ray Plaut, Will Spiegleman.

Secretary: Warren White.

Treasurer: Jim Sagawa.

Athletic Manager: Pete Fischer.

Voting Tuesday will be held outside Dabney Hall from 8-12 and 1-4, and from 12-1 in Student House courtyards. If necessary, the first runoff will be held Thursday, May 19.

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pear belligerent nor use violence. Often, though, whites try to use force in order to evict the Negroes. Surprisingly enough, it is the Negroes who are arrested in large numbers, while the white are usually ignored by the police.

Marvin's visit is unique in that it is being paid for both by ASCIT and the YMCA. It is being sponsored by the Inter-College Council, an association of 10 Southern California Colleges. This council feels that colleges students in this area should have first-hand information on this unusual student movement. Marvin was suggested by the United States National Students Association, and is recommended by the National Association for the Advancement of Colored People. The NAACP feels that Marvin will be of the great Negro leaders of our generation.

Walla, Burke Win Sheppard Prize -- \$200

Gary Walla, president of Blacker House, and Ben Burke, vice-president of Ricketts, have been voted the annual Don Sheppard award.

The prize carries a \$200 cash award to each to be used to pursue cultural opportunities in and around Los Angeles, which they might otherwise not be able to enjoy. The grant is made each year to one or more outstanding resident of the Student Houses in memory of Don Sheppard, a Caltech graduate who died in an accident the summer following his graduation.

Last year's prize went to Brad Efron and Tom Jovin.

GARBAGE

Did you know that mussels grown in fresh water are two-elevenths normal size?

Caltech Audience Favors Adlai

A panel of five Claremont area Democrats discussed quite briefly the leading contenders for the Democratic presidential nomination in Dabney Hall Lounge Monday before a group of about 50 Caltech students and guests. A poll of the audience showed slightly over 50 per cent favoring Adlai Stevenson as the party nominee, both before and after the discussion.

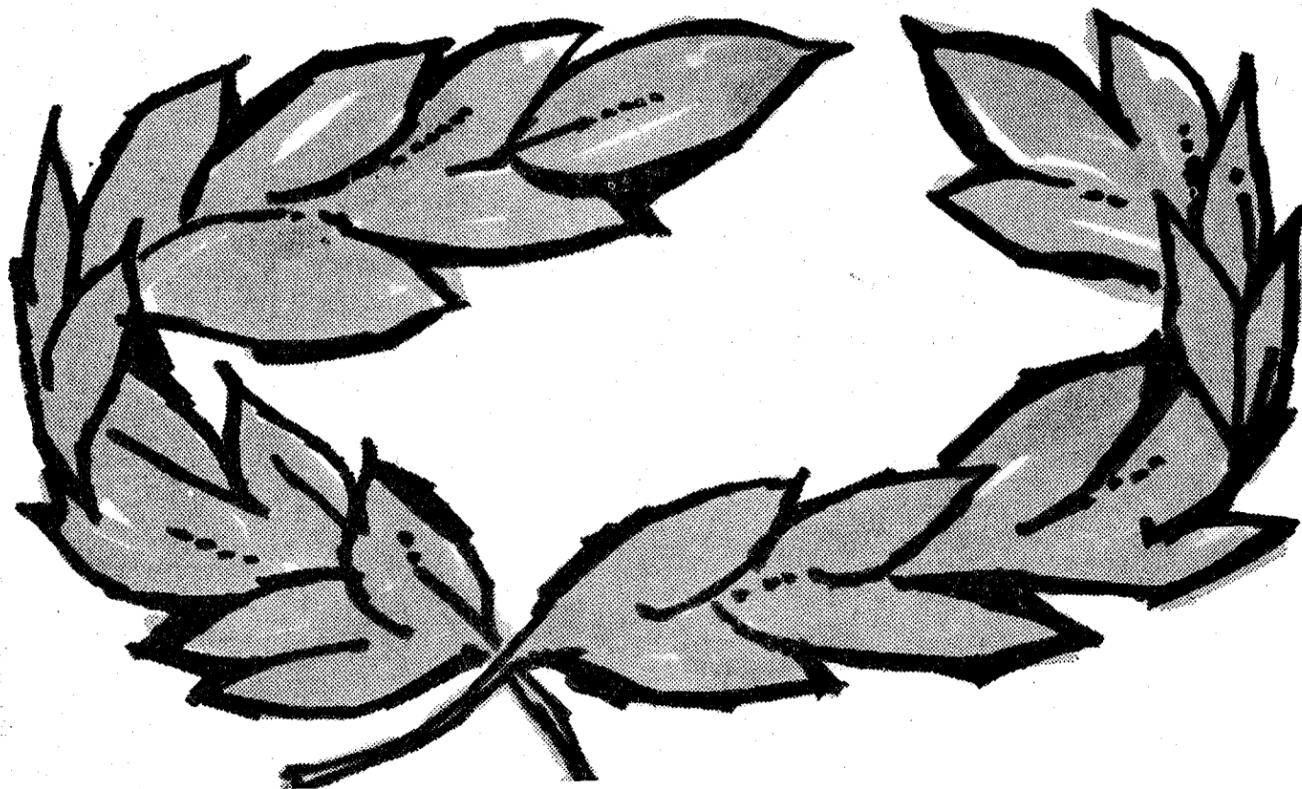
Stevenson was presented by a political science professor of Pomona College as the candidate with the best chance of luring the independent voter away from the Republican camp now that the GOP no longer has as magnetic a leader as Eisenhower in the race. He was billed as a man of world-wide perspective and also an understanding of the changing forces within the United States. As a leader, it was asserted, he would have, therefore, the people's confidence both at home and abroad.

Senator Kennedy was backed

by a Pomona attorney, chiefly on the basis of active interest in U.S. foreign policy as shown in his challenges to Dulles and Herter to recognize the significance of nationalistic forces in Asia and to consider that Russia spends more money on the economic side of the war than does the United States.

Senator Humphrey, expounded by a political science grad student of Claremont College, was pushed as a young and imaginative liberal, an astute politician on the basis of his unification of party factions in Minnesota, and a man of proven executive ability and legislative experience.

Other possibilities discussed were Stuart Symington (nobody dislikes him); Lyndon Johnson (no southerner will make it); and Chester Bowles (chairman of the Democratic platform committee), whose book "The Coming Political Breakthrough," was highly recommended.



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DATA PROCESSING DIVISION



ASCIT Lists By-Law Revisions To Be On Ballot Next Tuesday

Five revisions of the ASCIT By-Laws proposed by the Board of Directors will be included on the class election ballot. Here is a list of the proposed changes, with a brief explanation of why the Board feels these changes should be made.

Article VI, Executive Committee, Sec. 1, Present wording: The Executive Committee shall consist of the President of the corporation and five members appointed at the beginning of third term by the President and the Executive Committee members of the previous term of office, with the approval of the Board of Directors. A minimum of one and a maximum of two of the appointees shall be members of the incumbent Board of Directors. They shall be appointed for one-year terms; vacancies shall be filled by the remaining members of the committee with the approval of the Board of Directors. The chairman of the committee shall not be a member of the Board of Directors.

Scully Beaten In Brawl At Bob's Car Lot

Jim Scully, Tech sophomore, received serious head and facial injuries when he became embroiled in a fight with a group of young toughs in the parking lot of Bob's Restaurant, near PCC.

Scully and his companion Jerry Clough, also a Tech soph, were leaving Bob's late last Friday, when they were accosted with cursing by the group of four college-age boys.

Scully and Clough exchanged words with the four. After a series of gettings in and out of cars, one of the assailants walked over to Scully's car.

A verbal exchange followed, which ended in Scully's being hit in the face while seated in the car. The kid who hit him climbed in the car and continued the beating, after stunning Scully with the initial blow.

Clough meanwhile jumped out of the car to Scully's aid, where upon he was attacked by two of the remaining gang. In the scuffle, Scully had been pushed out the other side of the car (he was originally driving). When the kid heard that the cops were out in front of Bob's he gave Scully one last kick in the head and ran, with his friends. Clough ran out front and called the police.

The police questioned all participants, and took names and addresses. A preliminary report has been filed.

Scully was taken to Huntington Memorial Hospital for treatment and observation.

Swimming

Huber, Ollis, and Russo paid dividends as the frosh medley team won their event and avenged their dual meet loss to Oxy.

Other freshmen who placed in the conference meet were Dave Ollis in the butterfly, Al Huber in the breaststroke, Jim McCoy in the 100 and 220-yard freestyle, and Steve Mastin in the distance events.

The fine performance by both squads is a tribute not only to their hard work, but to the efforts of their coach, Warren (Webb) Emery. Caltech's intercollegiate athletic fortunes have increased substantially since Webb came to CIT in 1955.

The varsity teams have won two firsts, one second, and three thirds; and the frosh, three firsts and three seconds. In 1956, the varsity would have taken first had it not been for the disqualification of the medley relay team.

Proposed Revision: The Executive Committee shall consist of the President of the corporation and between four and eight members appointed at the beginning of third term by the President and Executive Committee members of the previous term of office, with the approval of the Board of Directors. A maximum of two of the appointees shall be members of the incumbent Board of Directors. They shall:

Sec. 4, Present wording: The Executive Committee will meet at least once a week, and at the request of the President or any two members of the Executive Committee.

Proposed Revision: The Executive Committee will meet at the request of the President of the Corporation, Chairman of the Executive Committee, or any two members of the committee.

These two proposals relate to the Executive Committee, that group of our government which considers long-range objectives of ASCIT and immediate problems of the campus philosophically. The revisions are designed to give the committee greater flexibility in its operation. It is expected that the number of outstandingly well-qualified applicants will vary from year to year; the first revision enables each ExComm to appoint all of these without any "fill-ins." Since the ExComm has nothing to do which requires periodic attention, it is senseless to require the committee to meet weekly.

The failure to give the chairman power to call a meeting was an oversight in the amendment which changed the ExComm two years ago. Clearly, the chairman of the committee should be able to call a meeting of that committee.

Article VIII — Elections

Sec. 1, Topic (a), Present wording: In case only one candidate is nominated for an office, nomination shall be held open seven (7) days. Other nominations may be given in writing during that time to the President of the corporation and all those nominated shall be voted upon at election. If no other nominations are submitted at the end of seven (7) days, the nominations shall be automatically closed.

All nominations shall remain open for five (5) days. Other nominations may be given in writing during that time to the President of the corporation and all those nominated shall be voted upon at election. If no other nominations are submitted at the end of five (5) days, the nominations shall be automatically closed.

This proposed revision concerns the length of time that nominations will remain open. Presently, it is possible for a candidate (or his friends) to close nominations at the nominations meeting by nominating another person. This might prevent a better man from being nominated later on. Under the proposed system, all nominations remain open five days, and this becomes impossible.

Five days was picked instead

Need Counters

All students interested in serving on the election committee for a period of one year, with next Tuesday's election starting, should see Dave Turner, Dabney, or leave a note to that effect in his box. The work involved includes sitting at the ballot boxes and counting votes on election days.

of seven because it was felt that this would lessen anxiety for the candidates without incurring the risk of a potential candidate not making up his mind soon enough.

Sec. 5, Topic (4): Present Topic (4): The office of Social Chairman shall be open to a man who will hold the office in his Junior or Senior Year.

Proposed Revision: Strike Topic (d) and change present Topic (e) to Topic (d).

This particular requirement is a hold-over from the years when there were two reps at large; one for the lower classes, and another for the upper classes. The Social Chairman isn't a second rep, but a separate man, like Secretary, Treasurer, Business Manager, Activities Chairman or Athletic Manager. These offices don't have an upper-class restriction, Social Chairman shouldn't, either.

Article XVI, PUBLICATIONS. B. The "Big T".

Sec. 4, Present wording: The Editor of the "Big T" shall receive one hundred seventy-five dollars (\$175.00) for the year's work. The Business Manager of the "Big T" shall . . .

Proposed Revision: The salary of the Editor of the "Big T" shall be three hundred dollars (\$300) for the year's work. The Business Manager of the "Big T" shall . . .

The position of "Big T" Editor requires a great deal of mental work, without much compensation. The amount of the salary should be great enough to attract competent applicants, and \$175 doesn't seem to be.

It is the feeling of the Board of Directors that \$300 is enough to attract applicants of a caliber sufficient to assure competent future "Big T" editors.

Fire

(Continued from page 1)

resulting from the incomplete combustion.

Firemen looking over their handiwork the morning after quipped about this being "the first basement fire we ever had to fight on the third floor."

Damage caused by the fire is still not ascertained, and may not before some time. Principal harm is probably to the roof, which was just poured last Thursday. Iron scaffolding holding it up buckled in the red-heat, and how much structural harm the roof suffered as a result is still not determined.

The concrete walls lost up to an inch of thickness, as they were spawled by the combination of intense heat and plenty of water. Everything remotely flammable on the north part of the third floor was burned, and soot covers most of the wall space on both the second and third floors.

Work is still going on to determine how much the building was damaged. Primary objective now is to determine how much the roof was damaged. This is being done by "static tests" (piling sandbags on the roof and seeing how much it sags). Costs of the fire will probably be paid by the Institute's general insurance policy, depending on the results of the current investigation.

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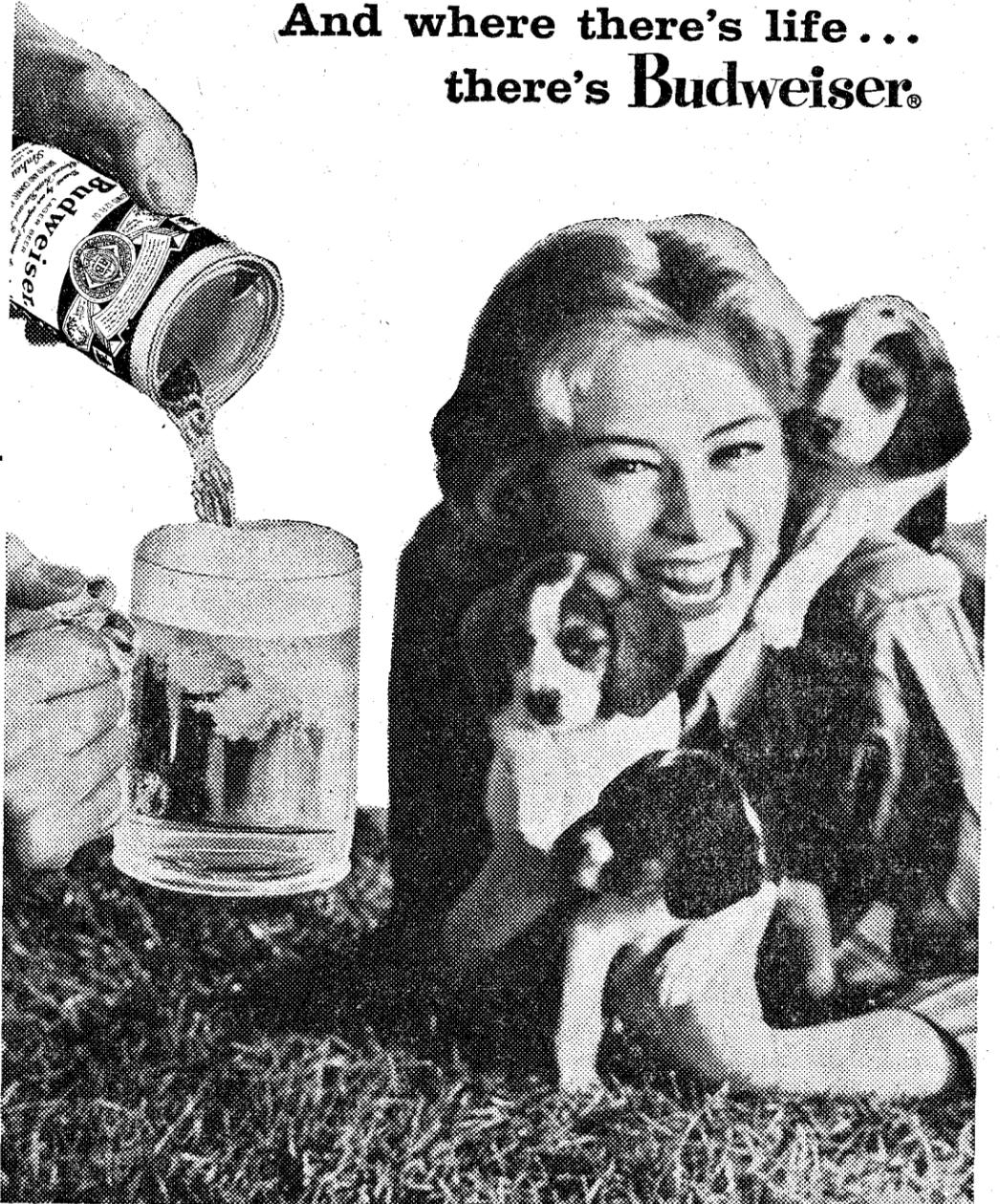
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