

Volume LI.

California Institute of Technology

Thursday, February 9, 1950

No. 16

## Opera Premiere Tomorrow Night

Tomorrow evening the Glee Club and Orchestra will present their annual operetta in Culbertson Hall at 8:00, for which a limited supply of tickets will still be available at the Hall shortly before the performance.

Entitled "Spooks in the Basement," the four-act operetta was composed by John Scott Campbell, who is an E. E. and mechanical drawing instructor at the Institute. The show tomorrow night is the world premiere.

The Glee Club expects a full house for the presentation, and advises that you get there early to obtain a seat!

### Satirical Theme

The unique plot of the operetta will appeal perfectly to the average Caltech student's sense of humor, since the theme of science underlies the story. The action concerns the love life of a superstitious janitor and a female calculus instructor, and takes place in a physics building similar to the Norman Bridge Laboratories. The basement of this hypothetical edifice is, however, infested with spooks. Campbell makes good use of his plot to satirize the physics department as a whole.

### Visiting Talent

Lauris Jones, the director of the Caltech Orchestra and Glee Club has gone off campus to bring in some talent to make sure that the opera is a roaring success. Eleanor Anderson, who hails from P. C. C., takes the part of the soprano lead; Robert Kidder, a professional who sings with the Pasadena Civic Chorus, and George Daily, a graduate student at the Institute who has had experience with the Pittsburgh Opera Co., are taking the tenor and baritone leads, respectively. Nancy McNaught of P. C. C. is the stage director.

## Film To Depict H-Bomb Motors

Now that the "Go-Ahead" has been given, many previously secret documents are being released to the public. One of the most newsworthy is the GTR, or Gyro-Television-Radar, H-Bomb control unit. This unit, by electro-mechanical means, will eventually guide an H-Bomb to a 100-foot target circle at a distance of 274 nautical miles from the mother bomb carrier.

### Vari-drive

This fast automatic and semi-automatic control can be accomplished only by accurate and fast variable motors of high power and small size.

To find out about Vari-Drive Motors come to the AIEE meeting Monday, February 13, in 119 K, at 11:00 a.m. Here a 40-minute movie by U.S. Motors will tell all about them.

### Everyone is invited.

## Ridge Route Film Scheduled Monday

Monday at 11:00 the ASCIT will present Mr. Wilczek of the Division of Highways speaking, in conjunction with a movie, on the construction of the Ridge Route.

The Tech chapter wishes particularly to invite sophomore civils to the meeting.

## Campus Calendar

THURSDAY, FEBRUARY 9  
12:00 Throop Club Meeting  
12:00 Y Upperclass Lunch Club  
5:00 Basketball, Frosh vs. Cal Poly  
at McKinley High School  
7:15 ASCIT Board of Directors Meeting  
in Lower Fleming

FRIDAY, FEBRUARY 10

11:00 Nominations Assembly in Culbertson

8:00 Glee Club and Orchestra Concert  
in Culbertson

Open House in Student Houses

SATURDAY, FEBRUARY 11

U.C.L.A. Speech Tournament at U.C.L.A.

8:00 Basketball, Frosh vs. Redlands  
Oxy

9:00 Basketball, Varsity vs. Redlands  
at P.C.C.

Open House in Student Houses and  
Throop Club

MONDAY, FEBRUARY 13

7:30 Y Forum "Psychology of Dating"  
by Dr. Fairchild in 201 Bridge

TUESDAY, FEBRUARY 14

12:00 Y Frosh Lunch Club

7:15 Alumni Placement Lecture in  
Blacker House

## Alumni Talk On Building

Mr. William Simpson, president of the William Simpson Construction Co. of Los Angeles, will discuss the construction field at next Tuesday's Alumni Placement Lecture at 7:15 in Dabney House Lounge.

### Well Qualified

Mr. Simpson is well qualified to discuss the construction field, as he has been associated with it since he received his BS from the University of Illinois in 1911. He has also been president of the LA chapter of the Associated General Contractors.

### Discussion Topics

The discussion will cover what types of engineers and scientists are involved in the construction field, what are the opportunities, and how a man can get started in construction. The lecture will then conclude with what type of work is available and what training and personal characteristics are best suited for the construction field.

## Nod Given To S-HGameRoom

The Board of Trustees of the Institute voted last Monday \$6500 for the construction of a game room in the Student Houses. The room will occupy what is now the West Trunk Room, and part of the catacombs will be converted to make room for the new trunk room. Complete details concerning the game room will be included in next week's *California Tech*.

### Elaborates

Dr. Bacher elaborated on the basic theme and added that the role of science now has connection with day-to-day problems. Twenty years ago science was removed from other things. Dr. Bacher expanded Dr. Smith's basic question to an international scale, "that countries should achieve economic security without losing national security."

### H-Bomb

Dr. Bacher then gave a few reasons why President Truman's decision to continue work on the H-bomb was wise. Outlawing war has failed up to date; even so, we must not abandon hope, as a war will do neither side much good with potential weapons like the H-bomb. Dr. Bacher also compared the H-bomb with the A-bomb, stating that newspapers tend to exaggerate the effects of the H-bomb. He concluded on the note that Russia would be very happy to see us increase controls so that we would lose our basic freedoms.

## Humanities To Hit Air Waves

Dear to the hearts of all humanities professors is the subject of next week's Caltech Y Radio Forum topic—"The Importance of Liberal Arts."

Next Wednesday evening, February 15, at 8:15, station KXLA of Pasadena, broadcasting at 1110 kilocycles, will bring to its listening audience a discussion moderated by Techman John Boppert on the value of the humanities in the curriculum of the technical student, as well as in the over-all field of collegiate education. One or two students from nearby colleges will also participate in the panel, who, it is hoped, can supply the viewpoint of the typical liberal arts student.

### Remember the Time!

The Caltech Y invites and encourages those attending the Institute to listen in next Wednesday for an animated fifteen-minute game of tossing some good ideas around.

Yesterday Mike Callaghan led a discussion of the recent advances and trends in the field of biology and biological research, which proved to be very informative to the many listeners uninitiated in this scientific field.

### Chairman

The man with the big job sits as chairman of the Board of Directors, and in that capacity, supervises the business transactions of the Corporation. He meets with the Student-Faculty Relations Committee, is a member of the Board of Control, and an ex-officio member of the Alumni Association Board of Directors who meet once a month. He is one of the student members of the Athletic Council, and spends one evening per month at one of the other Conference schools as a member of the Inter-College Council which discusses matters of common interest to all five student bodies.

### Express Opinions

On certain occasions, he will be invited to banquets of various sorts, most of them at one or another of the better Los Angeles hotels, at which time he will, when called upon, grant his assent to the principles of

## Nominations Assembly For ASCIT Offices Tomorrow

### Nominations Must Be Submitted By Midnight Tonight for Spot on Program

Tonight at midnight is the deadline for getting your nominations for student body offices in to Mike Sellen or any member of the Board of Directors. All nominations received before that time will be given a spot on the program, but, of course, additional nominations will be accepted from the floor at tomorrow's Nominations Assembly at 11:00 in Culbertson.

The nominations assembly will be run off in the traditional manner. The nominations will start with the publications officers and end with the nomination of the presidential candidates. In each office, the nominations will be taken in alphabetical order.

## Y Date Forum Monday Night

The second of two Y Forums on the "Psychology of Dating" will be given Monday, February 13th, in 201 Bridge at 7:30 p.m., according to John Boppert, who is in charge of arrangements.

Entered in men's lower division impromptu and extempore speech events will be Mike Lourie, Stan Groner, Jack Ottestad, Dick White and Carl Larson. Entered in men's lower division impromptu speaking and dramatic reading will be Swaroop Banerjee.

Subjects on which extempore speaking will be based are men and events in the world of yesterday, today, and tomorrow. Contestants will draw topics 45 minutes in advance and will use this time in preparation. The impromptu speeches will be drawn from editorials on current events which the students will be given five minutes before speaking time. Dramatic reading will come from material of the contestant's own choice.

## Last of a Series . . .

## President, Athletic Manager First Rep. Outline Duties

**Ed. Note:** This group of articles concludes a series by ASCIT Board members designed to acquaint the student body members with the duties and qualifications of their positions. This week positions of President, First Representative and Athletic Manager are reviewed.

### President

The man who assumes the position of ASCIT President takes

on the most complex sort of a responsibility a student can tackle. By definition, he knows all things, especially all about anything and everything connected with the Institute. He acts as coordinator for student affairs, has the privilege of receiving praise for student jobs well done, and the slightly less enviable task of answering to those who worry about the incidence of sin in our ranks. When

there is a call for student viewpoints, and even when such are completely uncalled-for, he voices them: disgruntled mothers, social clubs, and World-planners search him out. His mail is full of "Frat-Hat" ads, "Earn-your-way-by-selling-greeting-card" schemes, and little brown inter-office letters.

### Chairman

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### Important Year

This year, the President will have an even more serious and important responsibility. By the example of the Board he will head, he must convince the people who now seem to have their doubts that while the average age level of students is falling far below the post-war high, the level of maturity and responsibility is not. This is important for the sake of men who will be here ten years from now.

Then, in the odd moments between all this, our President will attempt to get down to the business which brought him to these sacred halls. He will despair, frequently, for his chances of remaining in school for the whole year, but if past records can be a basis for prediction, he'll make the grade.

To the new man, I wish the best of fortune and as good a board as has steered things for the past year; also, my profound sympathy.

Ralph Lovberg

(Continued on Page 4)

## Honor Keys

All students who believe they have sufficient Honor Points to merit an Honor Key (100 points) or an Honor Certificate (50 points) should submit their applications as soon as possible. The application should be made in duplicate and should contain a detailed list of all honor points for which the applicant thinks he is eligible. The Honor point list and the regulations governing the awarding of them are published on pages 71-79 of the 1949-1950 "Little T."

Please address all applications to Dave MacKenzie and leave them in the "M" Box, Dabney House.

## Bio Club Plans Moldy Morning

Biochemical genetics will be the topic under discussion when the Biology Club meets tomorrow morning at 11:00 with Dr. Herschel K. Mitchell, associate professor of biology, and a noted worker in this field.

The group will meet informally in Dr. Mitchell's laboratory, 217 Kerckhoff, to discuss with him the aims of, and methods used in, the investigations of the inheritance of biochemical capacities. Besides providing information of biological interest, these studies have produced knowledge leading to the development of new chemical concepts.

Dr. Mitchell's work has been with the bread mold *Neurospora*, and, strangely enough, it has been found that many of the reactions carried on by this tiny plant are duplicated in all other forms of life. Hence this work is of fundamental importance to biology, for from a more complete knowledge of metabolism—the actual chemical reactions which are carried out by the living organism—a closer insight of the actual nature of life itself is being gained.

From the organic chemist's point of view, the information being revealed by this mold on the biological synthesis of amino acids, nucleic acids and many other complex compounds has led to new explanations of molecular behavior.

The nature of this work is such that it promises to be of continuing importance for some years, and all those who are in any way interested will find a stimulating discussion in store for them.

## Interview Schedule

FEB. 8, 9 & 10—WESTINGHOUSE ELECTRIC CORP., Los Angeles, Calif. Mr. Stanley M. Johns, Manager and Mr. E. W. Morris, Mgr. of Eng. & Service Dept. will be on campus to interview BS & MS degree men in Mechanical and Electrical Engineering. (Interviewing only for graduate student training course in Pittsburgh, Pa.) PhD candidates in Chemistry and Physics will be interviewed for specialized investigation and development work.

FEB. 13 & 14—PROCTER & GAMBLE CO., Long Beach, Calif. Mr. Mills S. Hodge, Industrial Relations Supervisor and Mr. Knoll, Service & Standards Dept. of the Engineering Division will be on campus to interview Mechanical, Electrical, Civil and Chemical Engineers, Applied Physicists and Chemists—BS and up. Openings will be in Engineering design and development work, plant engineering maintenance, and production and supervision; also chemical research, development and industrial engineering. Openings are in Long Beach, Cincinnati, Dallas, Kansas City and St. Louis. Juniors will be interviewed at a later date for summer positions.

Sea Saga Stirs

After the meal was over the gorged gourmets relaxed while the Blacker Drama Club presented the tragedy "Fifteen Men on a Dead Man's Chest" in the form of a pantomime with narration. Still chuckling over the fine subtleties, the guests then settled down to dancing and the serious business of the evening.

Interviews take place in the Placement Office unless otherwise designated in announcement. Contact the Placement Office as soon as possible for definite appointment and application blanks.

FEB. 16—SYLVANIA ELECTRIC PRODUCTS INC., New York, N. Y. Mr. H. L. Richardson, Director of Industrial Relations, will interview BS and MS degree men in Electrical (Commun.), Mechanical, Chemical, Engineering and Physics and Chemistry. Two or three PhD degree men in Chemistry also desired.

APRIL 24, 25 & 26—GENERAL MOTORS CORPORATION, Detroit, Michigan. Mr. Kenneth A. Meade, Interviewer. Details later.

All interviews take place in the Placement Office unless otherwise designated in announcement. Contact the Placement Office as soon as possible for definite appointment and application blanks.

All application forms filled out for interview appointments should be completed and in the hands of the placement secretary two days before the date of each particular interview.

**Re: Brewins**

**Life at Caltech** is not, in general, the idealized version of well-rounded student life proposed in bull sessions around the campus. However, Techmen do engage in a lot of healthy, spirited, Joe College type of activities. It is the purpose of the Campus Brewins to tell about these activities in a light-hearted way, and if it weren't for these comments on campus life many readers would think Caltech was a grind of endless seminars, lectures, technical society meetings, and pedantic social functions. It means this to too many people already.

**It has been** the hope of the creators and editors of the Brewins to guard carefully against deliberate maligning of any person or group. It has been their purpose instead to create something lively and healthy which will show Techmen to be normal and fun-loving, a distinction which isn't always obvious.

**Apparently** there is some feeling (and it has arisen many times) that there are things in the Brewins which shouldn't be mentioned. If they were read in the same vein in which they were written, this feeling would never arise. More important, it is a free expression of the side of Tech life which shouldn't be played down, because we are lacking it enough now.

**The Brewins** are thoughtfully screened and edited before they are printed. That is a very ticklish job which takes a lot of time. The editors could screen the column so carefully that it would be lifeless, dull, and ineffectual. Is that the impression you want?

**The editors** are always open to comment or suggestion about the Brewins, and they are welcomed. We know that the Brewins are generally popular and well read and always will be. Let's hope they stand for fun and spirit such as they do.

**Bill Wright, Feature Editor**

**Potpourri**

By Bob Crichton

Dr. Oppenheimer, in his recent press conference at Caltech (as reported in the Star-News), admitted scientists "spend a lot of time worrying about the Russians."

To illustrate some ideas on Russia, he presented a parable:

A woman awakened to find a fierce bandit, heavily armed, standing at the foot of her bed. "What are you going to do?" she fearfully inquired. "I don't know. It's your dream," the bandit replied.

\* \* \*

There is a new word on campus, "LEAKERS," or people who give information to the Brewins.

\* \* \*

A lot of people, including myself, don't know what the Institute's policy is on scholarships, and so I decided to find out. One day last week I walked into Dean Jones' office and said that I wanted to know what the story was on scholarships, and this is what he told me:

The scholarships are awarded by the Committee on Honors and Awards, of which Dr. Swift is the chairman. The basic principle that the committee works on is that they try to take care of all the need that the money allows.

However, experience has shown that, with the present funds, not more than 60-65 men can be taken care of each year. The figures for the last two years are as follows: Freshmen, 20 last year, 31 this; Sophs, 16 last year, 18 this; Juniors, 13 last year, 21 this; Seniors, 14 last year, 13 this year. This makes a total of 63 persons receiving scholarships last year and 83 this year.

\* \* \*

Last year, the Institute awarded \$19,500 and this year \$32,500 in scholarships, or, as they would rather say, "Grants in Aid." This term is preferred, as recognition of purely academic achievement is given in the form of "Honor Standing."

I inquired as to where the extra money came from this year, and Dean Jones told me that the committee had some extra scholarship money not used in 1941-47, and also they had secured a few gifts to be used now for scholarships.

He went on quickly to point out that the Institute hasn't the funds always to equal this year's \$32,500 as the accumulation from previous years will not last long. A lot of the money for the scholarships comes from the bookstore profits, and also from the general Institute funds, but there is never enough.

At the present, there is a campaign on to raise scholarship funds. Very little money seems to be coming in as endowment, but an increasing number of people seem willing to give annual gifts, which are very welcome.

\* \* \*

Then I wanted to know who gets the scholarships, and Dean Jones told me that the list for the upper three classes is filled from the top 25% of each class or a G.P.A. (at the end of the year) of 3.0, whichever includes more people.

A letter is sent out to all the persons eligible, sometime in July, informing them that they are eligible for aid, and request-

**THE SQUARES' CIRCLE**

To The Editor:

Although the spirited writings of the CAMPUS BREWIN'S serve to focus attention upon a few hapless victims, these individuals may benefit from the literary maltreatment in facing the unwelcome, yet imagination-provoking and character-building task of explaining away the malicious imputations to their lady-friends. In such cases, only a few unfortunate may be deprived of the life-happiness and social prestige to which they aspired.

However, in stating that Fleming's serenade to Dabney last week was accompanied by "hurling food, milk, crockery, and frosh," the BREWIN'S risked the chance of forcing House officials to offer explanations to Institute Trustees and Associates, instead of just irate college girls. This misrepresentation of the facts is but one of a series of such exaggerated tales which endanger the liberties which we in the Houses now enjoy.

The BREWIN'S should realize that such tales can easily be misinterpreted by outsiders. The Deans, however, must realize that exaggeration and imagination are indispensable to the column. Moreover, if the BREWIN'S is their main source of information concerning activities in the Houses, they are the ones who are failing their job, and are most responsible for the auras of indignation which encircle their respective brows.

It is the duty of the Editor to explain this situation both to the creator of the BREWIN'S, and to the Deans.

Alan Haber.

**ON THE RECORD**

by Bill Whitney

The capacity audience in Philharmonic Auditorium was treated to something special last Thursday evening, when Arthur Rodzinski conducted the Los Angeles Philharmonic Orchestra in its tenth concert of the season.

The program was planned to produce effect, and there were plenty of fireworks. Starting with the third "Leonore Overture," by Beethoven, Rodzinski then conducted Tchaikovsky's "Pathetique Symphony," continuing after intermission with "Festival Day in Seville" from "Iberia," (Albeniz-Arbois) and Ravel's second "Daphnis and Chloe Suite." At the conclusion of the concert, Rodzinski, former permanent conductor of the orchestra, was recalled to the stage four times by enthusiastic audience applause.

Taken as a whole, Rodzinski's interpretations were brilliant and dynamic. They were not flawless; sometimes tempi were strained, and the brasses were frequently given authority to the extent of sacrificing orchestral balance.

Nevertheless, there was a spark present in the orchestra's playing which is too often lacking. Technical proficiency is not the same as enthusiasm. The Philharmonic is now capable of playing nearly anything, but too often the performances are lifeless, though technically well handled. The reasons are understandable when one considers the number of concerts the orchestra gives each year under the same conductor.

Rodzinski seemed to provide the novelty and the ability necessary to transform the concert, in the estimation of the orchestra, into something more than a routine performance, and they showed what they really can do when inspired.

An opera season seems to be with us again, what with the forthcoming appearance (Feb. 20-25) of the San Carlo Opera Company, and independent productions of "Cosi Fan Tutte," Feb. 17 at the New Century Theatre, the "Barber of Seville," Feb. 18 at the Wilshire Ebell Theatre, and "La Traviata" this Saturday, also at the Wilshire Ebell. Then there is, of course, John Scott Campbell's operetta "Spooks in the Basement," which will be produced Friday night at Culbertson Hall by the combined Caltech Glee Club and Orches-

tra. Monday, Feb. 13, the Pasadena (Continued on Page 4)

**CAMPUS BREWINS**

We could scarcely believe our eye last week, when, consulting the calendar, we found that the Almighty Athletic Department had condescended to allow us one weekend for sports other than those involving physical exertion. Disregarding the fact that it was the only Saturday night when we could hit the sack early, social chairmen around the compass designed a holocaust of entertainment, which kept the editorial us up until all hours.

**Ricketts**, which has long been too staid to receive much notice in this column, let its hair down in masse and had another Apache Dance. We stumbled in through the steam tunnels (rumored to have been rented from Building and Grounds for some phenomenal sum) to find that the boys had the doors off their closets, sabotaged the entire lighting system, and hired the band that plays in the dark, to create, what they claimed, was a Parisian atmosphere.

**Marv Hyman**, out on his first date with a new girl friend, had trouble with the power plant in his machine. He and friend both being garbed a la Apache, and hardly in the fashion of the highway, were somewhat loathe to flag down a passing motorist, and ended by walking back to home base to get the assistance of an understanding neighbor.

**Dick Tracy**, paying no attention to the current of people who used his window as an entrance to the dance floor in lieu of the steam tunnels, imperturbably finished off at least two model airplanes during the course of the evening. Right across the hall Bob Spencer was standing with a disillusioned look on his face, looking into a room once shared only by himself and Rodbury but now occupied by a lady with a baby. Explanations being in order, Bob's faith in the All-American-Boy quality of his roommate was restored, when mother and child proved to be the property of a band member, on temporary deposit.

**Tom Benson**, apparently trying to qualify himself for a MSSH (Master of Social Sleight of Hand), successfully negotiated two dates for the Danse Apache, released one of them to his trusted friend Howard Preston, and spent the evening with No. 2, but got a date with No. 1.

**The Evening Concert**

KFAC 8-10 p.m.

Presented by the Southern California and Southern Counties Gas Companies

THURSDAY, FEBRUARY 9

Das Liebesverbot—Overture, by Wagner. Berlin State Opera Orchestra conducted by Alois Melicher (8).

Symphony No. 93 in D Major, by Haydn. NBC Symphony Orchestra conducted by Guido Cantelli (24).

Edmund Kurtz, Violincellist.

Song for Violoncello and Orchestra, by Chaminade. Artur Balsam, Pianist (24).

Symphony in E Flat Major, by Stamitz. Berlin State Opera Orchestra conducted by Walther Gneindl (20).

Concerto for Orchestra, by Bartok. Pittsburgh Symphony Orchestra conducted by Fritz Reiner (37).

FRIDAY, FEBRUARY 10

A Night at the Ballet

The Red Shoes—Ballet Music, by Easdale. The Philharmonia Orchestra conducted by Muir Mathieson (18).

Swan Lake, by Tschaikovsky. St. Louis Symphony Orchestra conducted by Vladimir Golschmann (42).

Sylvia and Coppelia—Ballet Music, by Delibes. Indianapolis Symphony Orchestra conducted by Fabien Sevitzky (35).

The Firebird, by Stravinsky. London Philharmonic Orchestra conducted by Ernest Ansermet (18).

SATURDAY, FEBRUARY 11

Trovatore, by Verdi. Soloists, Chorus and Orchestra of La Scala, Milan, conducted by Carlo Sabajno.

MONDAY, FEBRUARY 13

Patrie—Overture, by Bizet. National Symphony Orchestra of England conducted by Roger Desormiere (3).

Symphony No. 94 in G Major (Surprise), by Haydn. Liverpool Philharmonic Orchestra conducted by Sir Malcolm Sargent (24).

Dinu Lipatti, Pianist.

Concerto in A Minor for Piano and Orchestra, by Grieg. The Philharmonia Orchestra conducted by Alceo Galliera (28).

Ein Heldenleben, by Richard Strauss. The Philadelphia Orchestra conducted by Eugene Ormandy (42).

Romanian Dances, by Bartok. Columbus Philharmonic Orchestra conducted by Izler Solomon (6).

TUESDAY, FEBRUARY 14

Tristan and Isolde—Prelude and Love Death, by Wagner. Chicago Symphony Orchestra conducted by Artur Rodzinski (16).

Symphony No. 4 in C Minor (Tragic), by Schubert. Philharmonic-Symphony Orchestra of New York conducted by John Barbirolli (29).

Concerto in D Major for Violin and Orchestra, by Tschaikovsky (32).

Sinfonia Concertante in E Flat Major (K.297b), by Mozart. The Philadelphia Orchestra conducted by Leopold Stokowski (35).

WEDNESDAY, FEBRUARY 15

Le Maschere—Overture, by Mascagni. Symphony Orchestra of Turin conducted by Ugo Tansini (8).

Symphony No. 40 in G Minor (K.550), by Mozart. Berlin Philharmonic Orchestra conducted by Richard Strauss (28).

Death of Thais, by Massenet. Orchestra of the Royal Opera, Covent Garden, London, conducted by Arthur Fiedler (33).

Chi li biseano di Doretta, from La Ronde, by Puccini.

Un bel di vedremo (One Fine Day), from Madame Butterfly, by Puccini.

Mi chiamano Mimi (My Name is Mimi) and Mimi's Farewell from La Boheme, by Puccini.

In Quelle trine morbide from Manon Lescaut, by Puccini.

Death of Thais from Thais, by Massenet.

Raymonda—Ballet Music, by Glazounov.

Death of Thais from Thais, by Massenet.

Death of Thais from Th

# Dabney, Fleming Share House Softball Honors

All's quiet on the Interhouse athletic front, for the time being at least, with tennis being rained out again. Hostilities will be resumed again, en masse, on Saturday, Feb. 18, the day of the Interhouse Track Meet. This may be a deciding factor in determining possession of the coveted trophy for next year. The only other contest scheduled for this term is swimming which will be held March 7 and 9.

## Darbs on Top

Dabney still maintains its one point lead over Fleming from last term, after tying The Reds for the softball title. Following are the final standings in Softball.

	House	Won	Lost	Pct.	Trophy Points
Dabney	5	3	7	.750	18
Fleming	3	1	7	.750	18
Throop	2	2	5	.500	10
Blacker	2	2	5	.500	10
Ricketts	0	4	4	.000	4

Here are the scores of the individual games of interest: Dabney 6, Ricketts 1; Blacker 7, Fleming 5; Dabney 9, Throop 4; Blacker 12, Ricketts 5; Fleming 7, Throop 2; Dabney 3, Blacker

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## At A Glance

Basketball—Pasadena Nazarenes, 51; Caltech, 39. L. A. State, 45; Caltech, 35.

Interhouse Softball—Throop, 5; Ricketts, 2.

## SPEAKIN' SPORTS

with Mike

We all must admit that the pumpkinmen's theoretical chances of taking Redlands Saturday night are not exactly the best in the world. The mere thought of this should suggest to the ingenious mind what methods could be employed to muzzle the Bulldog.

For those who don't care, go off and die somewhere; those that do, let's do something about it. Redlands is about 60 miles away. Here is a chance to engulf PCC gym with swarming masses of Techmen, making the lonesome traveler from Redlands as insignificant as a fly speck in a carload of pepper. With ample yelling, I am sure that many a Bulldog basket could be vibrated out and the local five will be spurred to victory by the support of the multitudes.

### Oral Noises

A word about yelling. Mr. Webster says: "Yelling: Crying out with a strong clear sound." We will note that a certain sound formed by a rounded mouth action and deep vocal vibration is not a yell. Verifica-

tion that we know this fact well comes from the compliments toward our behavior received by Mr. Musselman; so again this week, let's leave the boozing to the three Redlands spectators.

### Mudders

Although local natives will maintain that the liquid stuff that has been leaking from clouds lately isn't rain, Coach LaBrucherie found it hard to believe when he looked at the knee-deep oval this past week. The main worry now is how to get the squad in shape for the Conference Relays at Oxy on March 11.

### Patter of Feet

Perhaps one of the most important developments of the week was the arrival of a little stranger at the Preisler household. At last report, Mrs. Preisler, papa, and 9-pound 4-ounce Barry Edward were doing well. When asked for a statement, Coach Preisler said, "You could have knocked me over with a feather when the little fellow ran out of the delivery room and asked if I had his size of

(Continued on Page 4)

# Beaver Sports

## Track Preview

by Pete Mason

We continue this week with our review of what's doing in track this year. In passing, we advise keeping your eyes on the sports section right about now. Some astounding records are being set at indoor meets, including Gehrmann and Wilts' 4:09 mile, Fuchs' 57 ft. 6½ in. shot-put heave, and Stone's 8:55 two-mile. These boys will probably break some records when they go outdoor this spring.

To continue the review:

### Broad Jump

Competing for Caltech are Dwight Schroeder, who has jumped 21 ft. 5¾ in., Gil Kitching and Hiroshi Kamei. The present Caltech record is 22 ft. 6½ in., so Dwight stands a good chance of hitting it this year. Competition will be keen, however, with Tucker and Harris of Whittier, and Schlagel and Dennis of Oxy the strongest.

### High Jump

Win Soule, Gil Kitching, Bob Waid and Hiroshi Kamei will do the jumping for us this year, with Martin Walt a possible. Win has the best jump in previous competition with 5 ft. 9 in. The Caltech record is 6 ft. 4 7/8 in., a good jump in any league. The holder of the conference record, 6 ft. 5½ in., Doty, of Oxy, is back and appears to be in fine form, so it's hard to see where we can beat him. Price of Whittier, who has done 6 ft. 1¼ in., is also around this year.

### Pole Vault

A comparatively large field of four men will compete in this event. They are Martin Walt, Archie McEwing, Denny Riggs and, eventually, as soon as basketball is over, Don Tautz. Walt holds the Caltech record of 13 ft. 4¾ in., and seems likely to hold his edge this year. Against him seems to be just in time, too, since Varsity and Frosh baseball workouts begin Monday, February 13, under the coaching of

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# Second Bevo-Bulldog Tussle On Saturday

## Basketballers Due For Hot Evening As Unbeaten Redlands Comes Here

Caltech gets its second chance at the Bulldogs this Saturday at 9 o'clock on the PCC floor. The Beavers may have been suffering from the vacation lay-off when they were beat 58-38 the first time, but they'll have no such excuse this time and shouldn't need one.

It's about time for the Engineers to play another good game like they did against Whittier. Some of the recent performances

have been pretty sad, notably against Oxy and LaVerne. Individuals have occasionally played a good game, but as a team they have been pretty cold.

### Chances

Last Saturday Whittier held Redlands to a 34-30 score after having downed Balboa the night before. If the Poets can do that well when tired, we ought to at least equal the effort with a fresh team. The Beaver team will continue using its new offense which puts three of our tallest players under the basket. This ought to be a lot of help against the tall Redlands team.

### First Game

Pomona meets Oxy in the first game of this doubleheader at 7:30. Don't forget that Caltech rooters enter through the east door and sit on the south bleachers.

### Probable starters:

Caltech	Opponents	Redlands
Libby	RF	Rosenberger
Butler	C	Kruetzberg
Bowen	LF	Kruetzberg
Patapoff	LC	Griffiths
Cox	RG	Stanley

## Racketmen Travel For Practice Sets

Next Saturday the tennis team plays its first match of the season. Although it is only a practice match, the coach hopes that it will point out where practice is needed. The match will be played against Loyola's Varsity on the Rancho Cienega courts.

The lineup for the matches will be as follows:

- 1st singles—Sid Stone.
- 2nd singles—Jack Martin.
- 3rd singles—J. Poindexter.
- 4th singles—Dean Blanchard.
- 5th singles—Roger Baier.
- 6th singles—Undecided.

First doubles will be played by Jack Martin and Dean Blanchard and the second doubles spot will be filled by Sid Stone and J. Poindexter. So far, the third doubles pair has not been decided.

## Nazarenes Drop Engineers, 51-39

It only took the Pasadena Nazarenes a few minutes to wreck Caltech hopes of victory last Friday evening. During that short time in the second half, Nazarenes dunked three from way out on the floor. After that it was no contest.

The Engineers led up to the last minute of the first half when their opponents went ahead 24-22. Except for those few minutes already mentioned, the rest of the game was also quite even, but by then it was too late.

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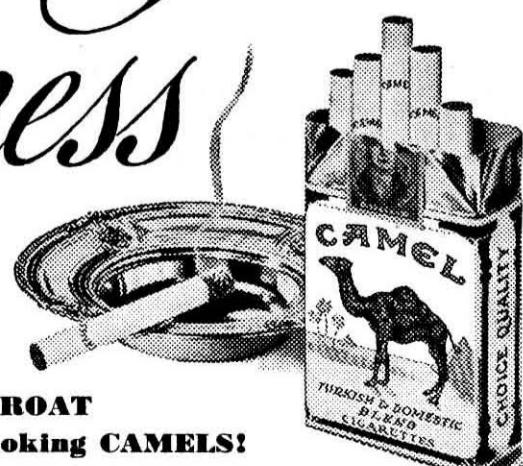
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**SPEAKIN' SPORTS**

(Continued from Page 3)  
baseball uniform." The arrival will be Arendall of Whittier, and Capp and Yaubrough of Pomona. Arendall at least has done better than 13 ft.

**Four-man Mile Relay**

There are a large number of prospects for this event, but Coach LaBrucherie hasn't seen enough running to decide yet. Those so far are Bob Parnes, Walt Edwards, Dwight Schroefer, George Cook, Don Moore, Bill Irwin and Bob Perpall. Several of these men ran this event for the Frosh last year, and Bob Parnes, a down-graded miler who has been showing considerable promise as an 880 and 440 man, should add strength to the team. They'll need it, though, because Oxy's record-breaking team has been strengthened by the addition of Frosh John Barnes. They ran 3:16.0 last year, and should do better this year.

**DABNEY, FLEMING SHARE**

(Continued from Page 3)  
0; Fleming 3, Ricketts 1; Throop 9, Blacker 6; Fleming 7, Dabney 6; Throop 5, Ricketts 2.

Interhouse Trophy Points to date:

Dabney 66.5  
Fleming 65.5  
Blacker 54.5  
Throop 40.5  
Ricketts 28.0

**ON THE RECORD**

(Continued from Page 2)  
and vicinity chapters of the American Guild of Organists are presenting Marshall Bidwell in an organ recital at Thorne Hall, Occidental. Mr. Bidwell is Organist and Director of Music at the Carnegie Music Hall in Pittsburgh, and one of the country's leading organists.

**CONCERT SCHEDULES**

Feb. 9-10 Los Angeles Philharmonic Orchestra Alfred Wallenstein, conducting Rudolf Serkin, piano soloist Philharmonic Auditorium  
Feb. 10, 8:00 P.M. Caltech Glee Club and Orchestra "Spooks in the Basement" Culbertson Hall  
an operetta by John Scott Campbell Feb. 11, 8:00 P.M. La Traviata—Verdi Wilshire Ebell Theatre  
Feb. 12, 8:30 Israel Baker, violinist Yaltah Menuhin, pianist Wilshire Ebell Theatre  
Feb. 13, 8:15 Marshall Bidwell, organist Thorne Hall, Occidental College

**Egad!**

Did you hear about the old lady who was introducing the new Deacon to her husband, who was a little deaf and a Republican?

"Darling," she said, "this is the new Deacon."

"New Dealer?" murmured the old gent quizzically.

"No, my dear, not new dealer,—new Deacon, new Deacon," she repeated. "He's the son of a Bishop."

Her husband shook his head wisely — "They all are," he sighed.

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**LAST OF SERIES**

(Continued from Page 1)

**First Rep**

The most important duty of the First Rep. is that of planning and arranging ASCIT social functions. This does not require as much work as many people think but it does require a person who is willing to contact people in the community and who has the ability to organize so that the bulk of the work does not fall upon a few men at the last minute. The budget for these affairs is about \$1500 so that adequate funds are available to work with.

**Board Member**

A second duty of the First Rep. is serving on the ASCIT Board of Directors. These nine men, all with equal votes, determine many of the school policies; such as: minor sport recognition, athletic awards, Big T policy, charity drives, etc. This is one part of the job that is generally overlooked by anyone running for this office while in reality serving on the Board is one of his more important duties.

The third duty of the First Rep. is serving on various committees. He is a member of the Honor Point Committee, the Student-Faculty Relations Committee, and is one of Tech's four representatives on the ICC (Inter-College Conference).

The variety in the duties of the First Rep. make it an interesting office to hold. The practice obtained in contacting and organizing people makes the job valuable to anyone planning

to enter the personnel or business field after graduation.

**William Freed****Athletic Manager**

It is the job of the Athletic Manager to purchase and distribute Student Body awards including honor keys, certificates, debate gavels and athletic letter awards. As this involves a considerable expenditure of Student Body funds, it is necessary to plan a conservative budget and yet not slight any deserving award winners. Honors are presented at two major assemblies, the Spring Awards Assembly and the Fall Athletic Banquet, both of which are planned by the Athletic Manager.

These two activities are traditional, but the actual program of either is entirely the product of the imagination and skill of this Board member. New ideas on entertainment at either event will lead to improvement, as will a plan whereby awards may be received from the manufacturer at an earlier date.

The time required by this job is considerable at certain times, but does not create too great a load for the average student. The budget and the two assemblies require several weeks of planning, but during the rest of the year the time demanded is light.

The members of the Athletic Dept. and the Faculty are very cooperative and associations developed here make life at Caltech much more enjoyable. Prerequisites for this position should include an interest in promoting intercollegiate athletics and forensics through an appropriate system of awards, a knowledge of the athletic policies of Caltech, and a desire to maintain and improve upon the activities of the Corporation as a whole.

**CAMPUS BREWINS**

(Continued from Page 2)

Interesting Expression on Her Knee" was awarded. The four lecherous lads judging, Pfeiffer, Potts, Corbato and LaTourette were piled in a heap in front of the maidens, and as Royce performed the enviable job of hem-hoisting, alternately gasped and

whistled as they came to their decision.

The prize, a lovely, lacy, black garter, was secured, with a maximum of studied nonchalance by Corbato, from the leg of the young lady who had been keeping it for him, and ceremoniously installed upon the blushing but happy winner, the date of one B. Hedrick.

Dick MacIntyre was fixed up with a blinder who, it developed, was emotionally attached to the nebulous Kyle (you know Kyle). Her frequent protestations about her romantic status didn't seem to faze Dick, and he reported the situation to be well out of hand.

Joe Cain, the victorious crew race coach, is the sort of man that can fall into a sewer and come out wearing a gardenia and riding a bicycle. Stood up at the last minute, he scrounged up a last-resort Schmippesie who turned out to be, improbably enough, a queen!

Blacker House pitched a heavily decorated Pirate Dance, complete with dinner, highlighted by the entrance of swarthy buccaneer Marshall and the spectacularly forcible abduction of a screaming young thing, the date of the hapless Baggerly. Later in the evening, Len Shultz, probably mistaking his locale for one of the other houses, snuffed out the few candles that served to illuminate the floor, but, with characteristic presence of mind, President Drury came to virtue's rescue, relit them, and commissioned his Second Lieutenant, Humphrey, to keep them that

way.

Middlebrook and Greuter, forsaking the fair sex, had been studying in the Geology Library, came back after a short coffee intermission to find it dark and occupied by a loud complaining voice, identified as Ricketts' Joe Fischer, with date, when the lights went on. Informed they couldn't stay and watch, the two eager geologists picked up their rocks and went home.

DeGrasse and Ross double-dated to the dance and left early heading for the hills where "Ham" DeGrasse set up his portable auto transmitter and spent the romantic evening "making radio contacts."

On Friday afternoon the PBAA held a rousing social meeting in Bill Wright's room. The high point of the afternoon was the magnificent crash and demolition of Wright's hanging bookcase when someone laid two more books on it. Wright knew that it was critically loaded, but was a few microseconds late in screaming "STOP!"

The letter of one Alan Haber, currently appearing in the Circle for Squares has us baffled. Knowing Haber as we do, we are inclined to feel that his pen was guided under duress by some large menacing power, conceivably Power Bulman, but, of course, no one knows but Haber. Ask him.

**Gad!**

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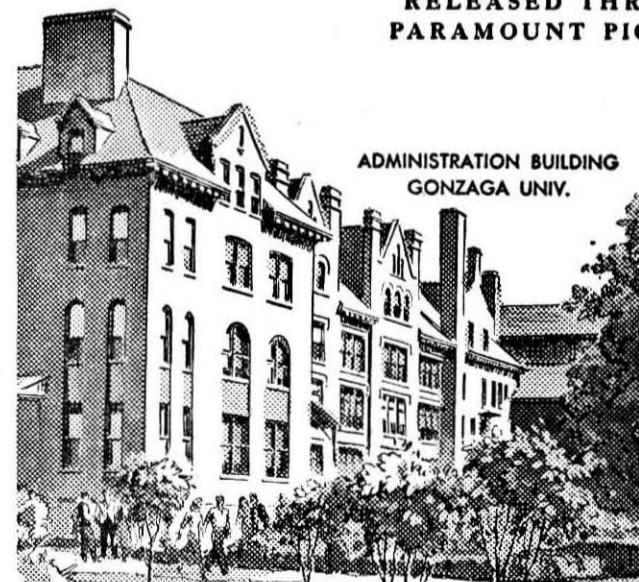
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