

Glee Club And Orchestra To Present Concert Tomorrow

Culbertson Scene of Combined Spring Recital
Miss Mary Lehigh Featured As Guest Soloist

Tomorrow morning at eleven o'clock, the Caltech Glee Club and Orchestra will present their Spring Concert. The two student organizations, with a combined membership of some fifty musicians, will be joined by Miss Mary Lehigh, guest soloist of the day.

With Lauris Jones conducting, the orchestra will open the program with the "G Minor Fugue" by Bach. This will be followed by the "Bohemian Polka" from "Schvanda" by Weinberger, and, later in the program, Morton Gould's "American Salute."

Two Numbers

The Glee Club is scheduled to sing two numbers. First will be Schuetky's "Send Forth Thy Spirit," and the second number is an unusual piece of modern choral music by Walt Whitman and G. T. Holst entitled "A Dirge for Two Veterans."

Piano Solos

Mary Lehigh will be guest soloist on the program. An accomplished pianist who has played many concert and radio engagements, Miss Lehigh made her debut here in Pasadena with the Civic orchestra some twelve years ago. After studying under Olga Samaroff-Stokowski in the East, she returned to the West Coast and has made most of her recent appearances in this region.

Miss Lehigh will play the first movement from Robert Schumann's "A Minor Concerto," with the Orchestra accompanying her. She will follow this with three Bach transcriptions. They will be: "Organ Prelude in G Minor," "Jesu Joy of Man's Desiring," and "Jesu Christus Gotes Sohn."

Duet

Turning back to local talent, the program will also include a cello duet played by Blouke Carus and Bill Haeffiger. They will play the first two movements of a sonata by Henri Eccles.

The program will be presented in Culbertson Hall. No reserved seats.

Housing

The Housing Office would appreciate any listings of houses and apartments to be vacated by students, for the benefit of incoming students. Please come to the Housing Office, Room 112, Throop Hall.

Newman Club To Sponsor Lecture

Reverend John Ryder, S.J., of St. Andrew's Russian Church will speak on Christianity and Russia on May 24, next Tuesday, at 7:15 p.m. in 208 Dabney.

The talk is sponsored by the Caltech Newman Club. Everyone is welcome.

Pre Registration

Pre-Registration for the fall term will be held in Room 119A Throop for only seven days beginning May 19 to May 27. All students who expect to return to CIT next fall must pre-register during these dates.

Campus Calendar

THURSDAY, MAY 19—
12:00 Y Upperclass Lunch Club
12:15 Throop Club Meeting
7:15 ASCIT Board of Directors Meeting in Lower Fleming
7:45 Dancing Class in Culbertson
FRIDAY, MAY 20—
9:00 Golf Conference Varsity Tournament at Whittier
11:00 Glee Club-Orchestra Assembly in Culbertson
1:30 Tennis Varsity and Frosh Conference Tournament at Redlands
Tau Beta Pi Formal Dance in Dabney Gardens
Blacker Informal Open House
SATURDAY, MAY 21—
9:00 Tennis Varsity and Frosh Conference Tournament at Redlands
2:15 Baseball Varsity vs. Oxy at Tournament Park, Frosh vs. Oxy at Oxy
ASCIT Student-Alumni Gym Benefit Dance at the Altadena Country Club
SUNDAY, MAY 22—
Ricketts Picnic
Blacker Beach Party
7:30 Caltech Musicales in Dabney Lounge
TUESDAY, MAY 24—
12:00 Y Frosh Lunch Club
7:15 Newman Club Meeting in 208 Dabney

McCrery To Be New Teacher Of Public Speaking

All public speech courses at Caltech will be taught by Lester McCrery of the University of Washington, beginning next year, it was announced by the Humanities department recently.

Engineering Conference and Debating will be among the courses to be under the direction of Mr. McCrery.

Research

He will also succeed Dr. John Schutz as Caltech debate coach. Dr. Schutz has expressed the wish to devote more time to historical research and to teaching.

"A Barbadian Chronicle," published last week by the University of California Press, is one of the several recent historical works to which Dr. Schutz has been a chief contributor. The book is a series of essays on West Indian life, particularly concerning the slave and Negro. Dr. Schutz is currently preparing a series of essays on British Humanitarianism.

Regret

He has expressed his regret that lack of time entails his dropping his work with the debaters, and his best wishes to Mr. McCrery in his capacity as new Debate coach.

Mr. McCrery has been a teacher at the University of Washington since 1943; he received his MA at the University of Washington and is now working at the University of Southern California for his doctorate degree.

During the war, he taught Army Air Force Cadets and Boeing Aircraft employees public speaking.

Ricketts To Hold Beach Party, Picnic

Sunday will again find Ricketts men and their dates at the ocean enjoying another popular beach party.

The party, to be held at an undisclosed location, will feature hamburgers cooked over open charcoal fires to go with ample portions of potato chips, pickles, olives, potato salad and a beverage.

The outing promises lots of fun for everyone with relay games, swimming, and surf riding contests to occupy the early afternoon while those who come to eat and sleep can relax under the warm sunshine.

Instituters

By Norm Fink and Ted Polk
There is a new organization on campus whose purpose it is to get things done. We feel that you should know something about the Instituters, their purpose, their organization, and their plans.

Purpose

The purpose of the Instituters is to render service to the student body and to the school wherever the need arises. There are always details in connection with student body activities which put a sizable burden on the person handling them. By assuming the responsibility for getting some of these details out of the way, we feel that we would provide more time for the person in charge to devote to this activity, and so insure better coordinated student body activities.

Share the Load

Whenever a service organization like the Instituters is at hand, there will be a tendency to push much of the work onto their shoulders. To be handled effectively, this work will have to be done either by a few men contributing much time and effort, or by many men working together for a short time. In the past, most of the work has been done by a few men who were willing to work hard and give up a lot of their time and efforts

Big Student-Alumni Dance To Swell Fund For New Gym

Boost In ASCIT Dues Passed By Large Majority

In a light vote last Friday, Tech students decided they could afford more money for student body activities next year. 346 stalwarts ventured to the polls to authorize a dues increase of \$2.50 next year, with 267 casting affirmative votes, against 79 ballots opposing the raise.

Out of It

The Friday date, plus justifiable indifference on the part of the Seniors, kept the vote lower than it was expected in a question of this importance. However, it is still apparent that some Techmen just don't seem to worry about what is going on around them.

Relief

Most of the increase goes to the ASCIT, for much needed relief in publishing the BIG T, and for Social events and Athletic awards.

Blacker's Spring Formal Success

Despite the foreboding weather last Saturday, Blacker's Spring formal was a success. Decorations were up to the usual high standards and the music by Vern Rowe was really mellow. An outstanding contribution to the success of the evening was Art Miller's display of tact (?) in convincing the sax player that the rain would not blur his arrangements. Miller again came to the rescue by pouring boiling water in the frozen punch to save dispensing it with an ice pick.

Beach Party

In hopes of better weather this Sunday, Blacker plans to have its first beach party of the year at Emerald Bay. Due credit goes to Peter Howell for making the arrangements for use of the beach.

Musicale

The Musicale will elect officers for next year on Tuesday, May 22, at 12:30 in Dabney Lounge.

Eddie Miller's Band To Provide Music; Dress To Be Sport-Informal

Altadena Town And Country Club Scene Of Final ASCIT Dance, May 21

Students, alumni, and their friends are asked to come to the Gym Dance Saturday in as sporty attire as possible. This includes such favorites as slacks and saddle shoes, Hollywood shirts, etc. The keynote of the evening is informality and leisure.

To this end the entire ground floor of the Altadena Town and Country Club has been reserved, and Eddie Miller's band has been engaged to play for the dance.

Gym Fund

The purpose of the dance, as indicated by its title, is to promote the fund for the long-awaited student gym and relaxation facilities in Tournament Park. The Alumni Association has been particularly active in promoting Institute activities, and through this dance hopes to become acquainted with the student body and to introduce the students to its broad program of activities.

The Gym dance is a big, very promising affair, and its support means more dances like it. It is advantageous to the student body in many other respects.

Miller's Band

Eddie Miller's band means great saxophone-playing, done by Eddie himself. The lineup also includes Matty Matlock on the clarinet, Bud Hatch on the bass, Nate Kazabier on the trumpet, Nappy La Marr strumming the guitar, Stanley Wrightman at the piano, and Nick Fatool on the skins. This is a 'pedigreed' band, almost all of the members being drawn from bands like Benny Goodman's, Tommy Dorsey's and other great names. Miller's band plays smooth, popular music, and in such an atmosphere should make for a highly enjoyable evening.

Bids

Bids for the dance are available at the Institute bookstore, the Alumni office, or at the four student houses and Throop Club. They will also be sold at the dance. They sell for \$1.80 per couple and all proceeds from their sale will go toward the building of the forthcoming gym.

Remember the time and the place: The Altadena Town and Country Club, 2290 Country Club Drive, this coming Saturday at 8:00 p.m.

Notice

Beginning today, students will be allowed to advertise items for sale on the bulletin board in lower Throop. Such items must be submitted on neat three-by-five cards or the equivalent to the box in Public Relations Office in lower throop; they will be posted for one week only, but may be renewed on request. It is hoped that you will avail yourself of the opportunity.

Shore Winner Of McKinney Contest

Final presentations of the McKinney Prize Contest Essays, saw Bernie Shore winning first place with Irving Krumholz taking second honors.

Characterized by a uniformly optimistic view of "The American Way of Life—A.D. 2000," and generally assuming a far reaching extrapolation of present day trends, the speakers foresaw vast changes in the American social structure. The general excellence of the essays and their presentation made the final decision a difficult one for the judges.

Prizes

The first prize is a sum of \$50, second place receives a \$25 award. Copies of "Bartlett's Familiar Quotations" were presented as awards to the two runners-up, William Pyle and Robert Stubbins.

Memorial Service Pays Tribute To Col. Goldsworthy

Gathering in Dabney Lounge last Monday afternoon, members of the student body and faculty expressed their sense of loss and their appreciation of the achievements of the late Colonel E. C. Goldsworthy, master of Student Houses.

Participating in the short thirty minute memorial service were Ralph Lovberg, representing the student body; Dr. Morgan Ward, speaking for the Mathematics Department and the faculty, and as a long standing friend of the colonel; and Paul Saltman, who spoke as past chairman of the Interhouse Committee.

Biographical Sketch

Opening the service, student body president Lovberg told of the student body's reactions to the Colonel and his policies, and supplemented his remarks with a short biographical sketch. Dr. Ward, a close personal friend of Colonel Goldsworthy since their boyhood, spoke in that capacity, and included in his remarks a reading of a favorite passage of the Colonel's taken from the first epistle to the Corinthians.

Paul Saltman further amplified the discussion of student house policies by mentioning the appreciation the Interhouse Committee had always felt for the Colonel's attitude that the Houses should be largely self-governed, and their realization of the difficult role the Colonel played so well.

Benediction

Following these remarks, Wes Hershey ended the service with a meditation and benediction. Musical selections opening and closing the memorial service were provided by pianist Dick Buck, who played several hymns and Bach's prelude to the Chorale "Jesu, Joy of Man's Desiring."

ASCE Chapter Wins Certificate Of Merit

The final formal meeting of the year for the Student Chapter of the ASCE will be held in 208 Throop, at 11:00 a.m.

Certificate

This will be the close of a very successful year for the Student Chapter, which has just been informed by Wm. N. Carey, executive Secretary of the ASCE, that it has been recommended to receive commendation for excellence in the effective and meritorious conduct of its affairs. This is the first Certificate of Commendation awarded to this Chapter, and is an accomplishment of which the outgoing officers are very proud.

Junior Membership

Several important items are on the agenda for this meeting, including the distribution of forms to the graduating senior members which may be used in applying for junior membership in the ASCE. Outgoing President Chuck Forester will relinquish his gavel to the newly-elected President, Max Kreston, thus placing in the new officers the

(Continued on Page 4)

The California Tech

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The Evening Concert

KFAC 8-10 p.m.
Presented by the Southern California and Southern Counties Gas Companies
THURSDAY, MAY 19

A Program of Chamber Music
QUARTET IN F MAJOR, by Ravel. Pro Aste String Quartet (27).
TRIO No. 7 IN B FLAT MAJOR (Archduke), by Beethoven. Artur Rubinstein, pianist. Jascha Heifetz, violinist. Emanuel Feuermann, violoncellist (35).
QUINTET FOR CLARINET AND STRINGS (K. 581), by Mozart. Reginald Kell, clarinetist and the Philharmonia String Quartet (30).
QUARTET No. 3 IN D MINOR, by Mendelssohn. Stradivarius String Quartet (20).
FRIDAY, MAY 20

Weekly Feature Program—Music of Bach
SATURDAY, MAY 21
ANDREA CHENER, by Giordano. Soloists, Chorus and Orchestra of La Scala, Milan, conducted by Oliviero de Fabritis.
MONDAY, MAY 23

HUSITSKA—OVERTURE, by Dvorak. Boston "Pops" Orchestra conducted by Arthur Fiedler (12).
SYMPHONY No. 3, by Bax. The Halle Orchestra conducted by ohn Barbirolli (44).
BENNO MOISEWITZ, Pianist.
CONCERTO No. 2 IN G MINOR FOR PIANO AND ORCHESTRA, by Saint-Saens. The Philharmonia Orchestra conducted by Basil Cameron (23).
SONATA IN G MINOR, by Medtner (16).
TUESDAY, MAY 24

ACADEMIC FESTIVAL OVERTURE, by Brahms. Concertgebouw Orchestra of Amsterdam conducted by Willem Mengelberg (11).
SYMPHONY No. 35 IN C MAJOR (Linz) (K. 425), by Mozart. London Philharmonic Orchestra conducted by Sir Thomas Beecham (28).
FRITZ KREISLER, Violinist.
CONCERTO IN D MAJOR FOR VIOLIN AND ORCHESTRA, by Brahms. London Philharmonic Orchestra conducted by ohn Barbirolli (36).
COPPELIA BALLET SUITE, by Delibes. Royal Opera House Orchestra of Covent Garden conducted by Constant Lambert (32).
LIEBESTOD FROM TRISTAN AND ISOLDE, by Wagner. NBC Symphony Orchestra conducted by Arturo Toscanini (5).
WEDNESDAY, MAY 25

THE BRONZE HORSE—OVERTURE, by Auber. London Philharmonic Orchestra conducted by Constant Lambert (8).
SYMPHONY No. 2 IN C MINOR (Little Russian), by Tchaikovsky. Cincinnati Symphony Orchestra conducted by Eugene Goossens (30).
GLADYS SWARTHOUT, Mezzo-Soprano
THE PLANETS—SUITE OF SEVEN TONE POEMS, by Holst. B.B.C. Symphony Orchestra conducted by Sir Adrian Boult (47).
DON JUAN—SONG OF THE NIGHTINGALE, by Napravnik. La Scala Orchestra conducted by Ettore Panizza (5).

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THE SQUARES' CIRCLE

Mr. James A. Hummel
Editor, The California Tech:
Dear Sir,

I would like to take this opportunity to express my sincerest thanks to the members of the 1949 Election Committee for the work they did. Also my thanks to any and all who helped in running voting booths and counting ballots for your part in the elections.

But my express gratitude goes to the six men on the committee for the efficient way they carried out the details necessary to let you people vote. To Boyd Gage, Bob Cobb, John Nobles, and Fred Wood for losing their friends to get men to tend booths and count ballots; to Walt Mudgett for getting the ballots printed; and to Charlie Steese for lugging the booths all over the campus, thanks a lot, fellows.

Sincerely,
Dick King,
Election Committee Chairman.

Musical Masterpieces

KFAC 4-5 p.m. daily
2-5 p.m. Sunday
Presented by the Slavick Jewelry Company

THURSDAY, MAY 19
Masaniello "Overture"—Auber. Arthur Fiedler and Boston "Pops" Orchestra
Concerto No. 1 in E Minor—Chopin. Artur Rubinstein, pianist. John Barbirolli and London Symphony Orchestra
Pohjola's Daughter—Sibelius. Serge Koussevitzky and Boston Symphony Orchestra

FRIDAY, MAY 20
Colas Breugnon "Overture"—Kabalevsky. Arturo Toscanini and N.B.C. Symphony Orchestra
Sebastian Ballet—Menotti, Dimitri Mitropoulos and Robin Hood Dell Orchestra of Philadelphia
Music from Carmen—Bizet. Leopold Stokowski and New York City Symphony Orchestra

SATURDAY, MAY 21
Siegfried "Forest Murmurs"—Wagner. Leopold Stokowski and Hollywood Bowl Symphony Orchestra
Faust "Salut Demecure"—Gounod. Romeo and Juliet "Romeo's Cavatina"—Gounod
Manon "Oh! fuyez douce image"—Masse- net
Le Roi D'ys "Vainement ma bie aimee"—Lalo
The Pearl Fishers "Mi par d'udir ancora"—Bizet
L'Arlesiana "Lamento di Federico"—Gilea Richard Crooks, Tenor
Wand of Youth Suite No. 1—Elgar Sir Edward Elgar and London Symphony Orchestra

SUNDAY, MAY 22
Concerto for Orchestra, Karl Phillip Emanuel Bach—Steinberg. Serge Koussevitzky and Boston Symphony Orchestra
Concerto in D Major—Brahms. Ginette Neveu, violinist. Issai Dobrowen and The Philharmonia Orchestra
MONDAY, MAY 23
Academic Festival Overture—Brahms. John Barbirolli and Philharmonic Symphony Orchestra of New York
Symphonic Suite "Sunshine Suite"—Tauber. Richard Tauber and Grand Symphony Orchestra
Capriccio Espagnole—Rimsky-Korsakov. Sir Malcolm Sargent and Lixerpool Philharmonic Orchestra

TUESDAY, MAY 24
Russian and Ludmilla "Overture"—Glinka. George Weldon and City of Birmingham Orchestra
Fantastic Symphony—Berlioz. Bruno Walter and Paris Conservatory Orchestra
WEDNESDAY, MAY 25
Le Maschere "Overture"—Mascagni. Ugo Tansini and Symphony Orchestra of Turin
Suite Bergamasque for Piano—Debussy
Sonata No. 23 in F Minor "Appassionata"—Beethoven
Walter Gieseking, pianist
Redemption "Symphonic Poem"—Franck.
By Request

Honor Code Violations

(This is the second in a series of three articles to appear in the California Tech).

The Chairman of the Board (Vice-President of the ASCIT) first investigates all the evidence presented to him. He talks to witnesses of the violation; he compares examination papers in cases in which copying is suspected or lab. reports suspected of being done with unauthorized collaboration; and he examines the man's record at the Institute.

If, after a thorough investigation there seems to be absolutely no evidence to justify trial proceedings, the chairman dismiss the case and no record is kept.

If the Chairman is in the least doubt, he calls a meeting of the Board and presents all the information bearing on the case he has obtained. If, after reviewing the facts, the board decides it doesn't merit trial, the case is dismissed and no record is kept. However, if the board decides action is necessary, a hearing is called.

The defendant is brought before the Board and asked to plead guilty or not-guilty. If he pleads not-guilty, the Board proceeds with the hearing, questioning the defendant and summoning witnesses to testify.

The hearings, which are conducted in secrecy, may last for several hours while all the information is presented. When the Board is satisfied it has all the evidence bearing on the case, it reconvenes to deliberate and pass verdict.

If the defendant is found guilty, the Board then decides his punishment. Depending on the seriousness of the offense, punishment ranges all the way from putting a man on probation to recommending to the faculty his expulsion from the Institute. If a man is found guilty of cheating during a final examination, for instance, he may be given a failure in that course.

In next week's article, we will present a sample case from the records, withholding, of course, the names of the people concerned.
D. B. Mackenzie, Chairman, Board of Control.

CAMPUS BREWINS

The Limp Beak
Noticing the roof to Throop Club oscillating like the lid on a tea kettle last Thursday night, we poked the beak in to ascertain the cause. The room was filled with a vaporous haze, but in time we were able to discern that it wasn't an opium den but only the Drabs indulging in a stag. We would have left in disappointment but were stayed by the brilliant efforts of the alleys' Thespians. In rapid succession we witnessed the Shakespearean "Oh, fella, the Boor of Venice," that fine old biblical tale, "Daniel in the Lions' Den," and a one-act play set in the Wite Whall Whouse, wherein the mystery of George Merkel's weekly trips in his sailor suit was solved. When the brawl degenerated to athletics (crew races—water, of course, marshmallow races, and blind-fold boxing), we left, dragging our beak behind.
Blacker Than Usual

With commendable diligence and imagination the Blacker beavers set up a fine outdoor formal setting Saturday and patiently awaited rain. The rain forebore, on supplications from Arcand, and the dance went on, but cold: Vern Rowe's vocalist and Boyd Gage's perennial dancing partner shivered in coats, but other dancers just appreciated the cold and danced closer; Hendrickson, when seldom seen on the floor, was smothering his small Orientalish women in a modified full nelson—no doubt the effort to keep her warm.

Curry was in a dark corner with some campus secretary, as was Heath with Nancy, but Heath's engaged! So also (finally) is Floyd Humphrey, to whom, according to our custom, we offer no congratulations but merely shrug and wipe away a tear. Cuse's date spent a large part of the evening with Hildebrand (Continued on Page 4)

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Russ Morgan and his lovely vocalist, Pat Laird, talk over the Camel Mildness Test
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Beaverbabe Splashers Cop Conference Title Tankmen Take Six Firsts With Little Trouble; Barmore, Keeps, Weil All Star

After a season of undefeated conference competition, the Frosh swim team went on to take the conference championship last Saturday. Little trouble was expected in winning and none was had.

The frosh tankmen took all but three first places. Oxy, Redlands, and Pomona split these three; the diving, breaststroke, and 440 yd. freestyle.

Close Race
Most exciting race of the meet was the 50 yd. sprint, with all three entrants finishing in a dead heat. Bill Barmore was judged the winner by an inch, while Bruce Keeps tied for second. The 100 yd. freestyle was also close. Keeps won the event and Dick von Herzen finished a body length behind him for a third.

Easy Win
Jesse Weil swam the backstroke event for the second time this year, and won it with ease. Oxy is the only school which we have competed against in this event in dual competition. Weil also took a third in the 440.

Coming from behind in last three laps, von Herzen swam to a clear victory in the 220. This is Dick's first year of competition, yet he ranks with any of the more experienced swimmers. John Cagle did his bit with a second in the 200 yd. breaststroke and swam in both relays.

Oxy Waterboys Annex Title As Beavers Second

While winning the conference swimming meet last Saturday, Oxy had themselves a field day. Winning all but one of the gold medals and setting 5 new meet records, Oxy managed to gather 87 points to Tech's 44, Pomona's 23 and Redlands' 10.

From the start of the prelims on Thursday it was apparent that this was Oxy's baby and that all the other schools could do was their best. In the very first race on Thursday Evans of Oxy set a new meet record of 2:25.0 in the 220, lowering the old mark by half a second. In the same race Libbey bettered Tech's school record but it is unofficial. Libbey had better luck in the 100 free. He won his heat at 56.8 and there were enough watches to make it an official.

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Tee-Men Tee Off; Beavers Mistified By Pomona Mist

Friday afternoon at the Los Serranos Golf Course the Pomona Eskimos swamped the Tech "Golfers" in an SCIC match. The weather was wet, cold and generally poor, but it apparently had no effect on Pomona as they romped through to their 5th conference win in six starts, having tied Whittier.

The local exponents of the hook and slice (let the other guy use the fairway) couldn't quite seem to get their frozen limbs loosened up and consequently were able to garner only three out of a possible eighteen points. Pomona seemed in rare form as they recorded only one score above 79. The loss dropped the engineers from their second place slot to third.

Undaunted by the loss the linksmen travel to the conference tourney next Friday at Hacienda. You can be assured that they are going to put everything into bringing home that big trophy.

The team finished the regular season with a record of three wins and three losses.

Pomona Nips Tech In 11th, 3-2, On Error

After the Sagehens had pulled every trick in the book, an error gave Pomona a 3-2 victory over the favored Engineers in the 11th inning out at Claremont last Saturday. This was third loss against three wins for the Beavers in conference play.

Petrulas
As usual the Preisler men had trouble hitting the ball. Petrulas was the only one who seemed to see the ball; getting two for four. Those two sluggers Norman and Stalkamp surprised the fans by getting only one hit between them.

The game was a crucial one for the Beavers because a win would have given them a crack at the league title. Now they can only hope for a tie with the Whittier Poets.

This Saturday Bill Anderson brings over his fast improving Oxy Tigers to face the Engineers at Tournament Park. A victory for the Beavers would indeed be sweet revenge after losing to an eighth inning rally 6-4. If the lads are up for the game they will really be an exciting team to watch. Box:

Caltech	AB	H	O	A	Pomona	AB	H	O	A
Pat'n,cf	4	2	0	8	Hough,3b	4	2	0	8
Pre'fer,3b	5	1	3	2	H'bner,ss	5	2	1	6
S'k'mp,2b	5	0	6	1	D'mson,1b	4	1	1	7
N'r'm'n,ss	3	1	2	8	Aguirre,lf	5	0	2	0
Mor'son,cf	4	1	0	0	Salmon,2b	4	0	3	2
Kam,rf	4	0	2	0	De Leo,cf	4	0	3	1
Petrulas,c	4	2	5	0	Miller,c	4	0	4	1
N'v'mn,1b	3	0	1	0	Shaw,rf	4	0	1	0
H'drick,p	3	1	0	1	Brown,p	4	1	2	2

Totals 35 631 14 Totals 38 833 20

One out when winning run scored.

Caltech 000 100 100 00-2

Pomona 0100 000 100 01-3

Errors—Neverman, Stalkamp 2, Hedrick; Herbener, Salmon, Miller, Brown. 3-Base Hit—Herbener. 2-Base Hits—Norman, Hedrick, Hough, De Leo. Sacrifice—Hough, Morrison, Kam. Bases on Balls—Off Hedrick 2, Brown 6. Struck Out—By Hedrick 2, Brown 1. Stolen Bases—Norman, Damson, De Leo. Double Plays—Patterson, Norman; Norman, Stalkamp, Neverman; Brown, Damson.

Caltech, Pomona Tennis Co-Champs

First Net Title For Beavers With 7-1 Record Conference Tourney Starts

The Engineer varsity netters rang down the curtain last week on one of the most successful seasons ever enjoyed by a Caltech tennis team. By virtue of a 6-3 victory over Oxy in their last league contest, Coach Johnny Lamb's racquet-wielders became 1949 co-champions, with Pomona, of the Southern California Conference.

Frosh Sports Roundup

Sole survivors of the Class of '52 Frosh athletic endeavors, the diamond crew lashed out a 3-0 shut-out to Pomona invaders Saturday. Clearly the best game of the season thus far, Mil t Strauss' cleated kids allowed no one to reach the third sack. The four Sagechicks hits were scattered sparingly through the nine frames while Tech hit at precisely the right times to produce their 3 tallies. Our hats off to Norm Grey in his journey all the way from the mound and octopus Deane Smith behind the swinging timber.

Second place horsehide hopes ride with the game against Oxy next Saturday. Revenge for a rather severe setback of a couple of weeks ago will be the byword when the Beavers meet the Baby Tigers at Oxy. The contest with Pomona evened Tech's series 3-3 as we look forward to only a pair of league games, the final with Redlands here.

Swimming
Break out the victory banner, Mother, we told you so. Yes, crowning of the new swimming champs is now history as Frosh swimmers took first by better than twenty points. Last Thursday's Conference meet proved what was strongly hinted all season—Little Beavers swim faster than anybody. Messrs. Barmore, Cagle and Weil, in their all out fight for the crown, sparked to a 3:36.0 time in the medly relay which is crowding records everywhere. To all Frosh swimmers go our most sincere congratulations and a hearty "Well done!"

Tennis activity concludes with the conference tournament at Redlands tomorrow and Saturday. Sid Stone and Ed Alexander are entered in the singles, and team with Larry Nobles and Jack Martin, respectively, in the doubles competition.

The Oxy match found Tech winning four singles and two doubles contests. Ed Alexander downed Moore of Oxy by the score of 6-2, 1-6, 6-3. Larry Nobles outclassed Lassbury in straight sets 6-2, 6-2. Jack Martin defeated Muller in a long tussle by a 6-8, 6-2, 6-4 count. Jack

S.C.I.C. Tennis Standings (Final)			
	W	L	Pct.
Caltech	7	1	0.875
Pomona	7	1	0.875
Whittier	3	5	0.375
Redlands	3	5	0.375
Occidental	10	8	0.000

Poindexter was in top form as he handed Fulton a 61, 6-0 pasting. In the doubles events, Stone and Nobles defeated Lassbury and Muller, 6-3, 8-6, while Poindexter and Thorne Butler came through by a 9-7, 6-0 score.

Losses were chalked up when Oxy's Jack Simpson dropped Sid Stone 6-0, 6-2, and Schauer edged Don Schmid 2-6, 7-5, 6-2. The duo of Simpson and Moore defeated Tech's first doubles team of Alexander-Martin by scores of 6-4, 6-2.

1949 C.I.T. GRID SCHEDULE

- *Sat., Sept. 24—Arizona State at Flagstaff
- *Sat., Oct. 1—La Verne at La Verne
- *Sat., Oct. 8—Whittier at Rose Bowl
- *Fri., Oct. 14—Caltech Frosh vs. Whittier at Whittier
- Sat., Oct. 15—To Remain Open
- *Sat., Oct. 22—Pomona at Rose Bowl
- *Fri., Oct. 28—Occidental at Rose Bowl
- Sat., Nov. 5—To Remain Open
- *Sat., Nov. 12—Redlands at Redlands
- Sat., Nov. 19—Cal Poly at San Dimas
- *—Night games.
- †—Frosh Preliminary.

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CAMPUS BREWINS

(Continued from Page 2) and date in H.'s room listening to classical music, while Cuse looked on and mused dark, neanderthal thoughts. Bruington, wallowing happily in his second childhood, was noted calling his Sweet Sixteen from Westridge Grade School when Bigenough have into view and snatched the phone away and blithely proceeded to give the girl a piece of his mind—we are relieved he feels he can spare. Society note: Bruington will be present in force at the Westridge Spring Formal.

Beach Beak

The webfeet faction of Dabney, having been guaranteed (by Corbato) a sunny day for their Sunday trek to Emerald Bay, donned rubbers and mackintoshes and bullheadedly braved the elements. Corbato must have spun the prayer wheel Saturday night (he is noted for his wheel-spinning talents) for the only spot on the whole coast that was blessed with sun that day was Emerald Bay, as Roy Gould's sun-burnt and bow-legged presence verify. The lemmings, it is true, protest that they also found sun above Malibu, and present Stowe as evidence, but unfortunate residents of the Houses that day cursed the rain and were forced against their collective will to snake. A moment of silence . . .

Jon Goerke, who has been investigating the queen from SC's sophisticated, worldly sorority realm—she plays football, too. Charming! Corby and Ludwig decided to patronize home industry, and enjoyed Acme and PCC girls. The apocryphal Paul Fullerton, Darbprexy of many years gone by, appeared from the wilds of Colorado to flex his muscles

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(gastronomical), but he and Muehlberger decided that the beach held no charms compared to an aquacade rehearsal that was going on at a faraway girls' school, so departed unsteadily for same in the middle of the afternoon.

Brew-Brewins

The Ricketts half of the Emerald Bay maneuver were soggily enthusiastic about the pleasures of sun, sand, salt water and fire water; their stags laid siege to the beer keg, but were unable to vanquish it by the time the party left at sundown. The Drabs stayed on to cook by firelight, and were visited by Dan King and date, who had evidently been continuing the Ricketts party on their own for the past two hours, sans fire and/or company. Must have been lonely, poor souls.

During the afternoon, Brad Houser, who had quite evidently come stag, managed to pick up a date on the beach, and she was much enamored of manly form and brilliant conversation (re: Brad's revealing character in the ASCIT play last term). They were chaperoned by her brother, who was a year younger than she, or five years old.

Bow to the East

It may be that Fred Eimer is going to renew the feud that kept him away from the Frowning White Wall all last year. At last report he and that statu- esque redhead of many transient loves he keeps company with (off and on) had reopened hostilities at the Schimpps Dinner Dance. The rainslick marble halls proved too much for a few of the more demonstrative dancers that night, but aside from this nothing untoward happened, despite the management's daring at permitting men in the rooms as late as 6:30 p.m. This week's designation of del goes to Don Royce, who was seen with a Browning for most of the evening, then turns up with a Toll Troll at about midnight at one of the notorious Claremont tea shoppes.

Scoop!

Our dauntless reporter has dauntlessly reported a widening schism in the vaunted Fleming Waiters' Union between the up-

start Deviationists, led by Treasurer Moffat, who are rebelling against the tyrannical Old Guard of Don Barrie and followers—the rebels, we are shocked to hear, support such radical departures as fair play and fewer fines.

More Beach

The Phlegming Men not only had sun, they claim, but Budweiser, at their Sunday beach-debauch. Our faith in women was somewhat restored when we saw not only a very provocative blonde with Keswick, but also one with real blonde locks. Provocative, but red-haired (and similarly no H2O2), was Ham-bones' datre; no doubt feeling incapable of keeping her warm himself, He was seen building up the fire after sunset.

Hartung, in his usual stag role, took his usual honors in making an ass of himself. We saw him drunkenly juggling hardboiled eggs, but when he began discussing things which brought blushes to our sensitive faces, we shut him up.

In Passing

It seems that the editors have been entertaining doubts about the merits of this column. This absurd state of mind has been brought about (they claim) by legion complaints from those libelled, shocked, and bored by our efforts. They now stand threateningly over our linotype, demanding we solicit advice from our readers as to what they'd like to read about and how the column can be improved; if you are one of THOSE drop a note in the Tech office in lower (is anything?) Fleming or into the box in lower Throop, and we will peruse same at the weekly meeting at Turner's. Now, with the great beak dragging, we freeze over.

ASCE CHAPTER

(Continued from Page 1) responsibility for guiding the Chapter in the year to come.

Picnic

The rest of the meeting will include discussion of plans for the annual picnic, to be held this year with the ASME, and the showing of the motion picture furnished through the courtesy of Kaiser Steel Co., "More Things for More People." This film tells the story of western steel from the mines in Utah to the finished product at the Fontana plant.

OXY WATERBOYS

(Continued from Page 3) school record. In the 200 yd. breast stroke later in the afternoon, Palmer set a new record for the 100 yd. breast of 1:11.5 replacing Merrick's record of 1:12.8.

Saturday the record smashing started with a vengeance. The medley relay mark was lowered 3.3 sec. by Oxy. The 220 was somewhat of a disappointment as the hoped for race between Libbey and Evans didn't develop and the time was slower than Thursday's. Oxy's Heinichen took .2 sec. off the 100 free style record by winning in 54.9. Manning lowered the 150 backstroke record from 1:48.6 to 1:46.4. The last record to go was the final 400 yd. relay won by Oxy in 3:50.9 eclipsing the old mark of 3:52.6.

The best race of the day at least from the spectators' viewpoint was probably the breast stroke. Palmer and Brubaker fought it out all the way and this year Brubaker won on the last lap. There was a close contest for 3rd and 4th between Dabney of Pomona and Person of Oxy, Person winning by a fraction of a foot.

Who Dealt This Mess

By Carl Fox

The hand for this week is an exercise in counting the defensive tricks available to the partnership and determination of the probable entries to those tricks. Par on this hand is for East-West to set any game contract. The most probable, and most difficult contract to defeat is Three No Trump.

Now North has only one correct line of play. He can count one Spade, three Club, and two Diamond tricks. There is a good possibility that the Hearts will be good for four tricks. If not, he still hopes to knock out the Heart stopper in the hand holding the long Diamond. Then two Spade tricks can safely be lost. So North leads the nine of Hearts from the board, intending to let it ride around.

Here is the crucial play for the defense. West must know, from his own and the board's honors, that there cannot be more than one entry to the East hand. To set the contract, the long Diamond must be established and won. Consequently, any entries to his partner's hand must be preserved until the long Diamond is established. Acting on the theory that this entry may be in Hearts, West preserves it by immediately coming up with the Heart Act, and returning his remaining Diamond. Notice that even if the entry is in Clubs this play can do the defense no harm. Actually this play defeats the contract, for Declarer must now lose the two Diamond tricks in addition to two Hearts and a Spade.

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