

Ralph Lovberg To Head ASCIT, Mackenzie, Gardner Elected

After a fast and furious four days of campaigning the new ASCIT officers were duly elected last Thursday. The top office was won by Ralph Lovberg, new ASCIT Prexy.

Out of about 720 undergrads, 581 votes were cast which is slightly under last year's tally. Run-offs were necessary for Athletic Manager-Noel Reed and Mike Sellen, and 2nd Rep.-Stan Groner and Dick Jones.

Oath of Office

Last night the new officers took their oath of office from retiring Secretary Stan Boicourt. The new Board of Directors consists of ASCIT Pres. Ralph Lovberg, Vice-Pres. Dave MacKenzie, Secretary Ollie Gardner, Treasurer John Fee, Athletic Manager Noel Reed, Publicity Manager Jim Hendrickson, Rally Commissioner Bert Snider, First Rep. Bill Freed, and Second Rep. Stan Groner. These gentlemen will now sit on the Board of Directors until third term next fall.

Ulrich Merton was elected Head Yell Leader, and Earl Hefner Editor of the California Tech. Wilson Bradley is Business Manager of the Tech and Jim Blum Business Manager of the Big T. As yet there is no Editor of the Big T. As it stands there will be a special election for this post along with class elections next term.

Campaigns

The campaigns for this election were mostly very good. It was a lot of fun and experience for everyone concerned. The strength shifted from Fleming to Blacker with Blacker claiming five members on the Board and Editor of the Tech. In many cases the off-campus vote decided things and there was a definite wooing of the off-campus vote by all the candidates. Soon the new officers will assume their posts and ASCIT will start on a new set of activities.

Caltech ASCE To Choose Speaker For Annual Meet

The Caltech Student Chapter of the ASCE will hold its last formal meeting of the second term next Monday, in 208 Throop, at 11 a.m., when Dave Baron and John Heath will present ten-minute papers in competition for the honor of representing the Caltech Chapter at the San Diego Conference of the California Sections of the ASCE, to be held on March 25-26.

Both Baron and Heath have spent considerable time and trouble in preparing these papers, and the contest should be an interesting climax to the term's activities. Caltech has certain laurels to defend, since the Chapter student speaker last year, Chuck Forester, took first honors in competition against five representatives of the other major engineering schools of the California and Nevada areas.

Final plans for the safari of the Chapter to this San Diego meeting will also be discussed at this meeting.

Rating Poll

The Taubate Instructor Rating Poll will be taken next week in all classes. The method used will be the same as last year. The instructors have been asked to give the last half hour of one class period for this purpose.

The Poll is being repeated this year in order to form an idea of whether or not last year's poll produced any improvement in the instruction.

Campus Calendar

THURSDAY, MARCH 3—
12:00 Y Upperclass Luncheon.
12:15 Throop Club Meeting.
7:30 A.S.C.I.T. Play, Culbertson.
FRIDAY, MARCH 4—
7:30 A.S.C.I.T. Play, Culbertson.
SATURDAY, MARCH 5—
9:00 "President's Ball," L.A. Breakfast Club.
SUNDAY, MARCH 6—
7:30 Caltech Musicales, Dabney Hall Lounge.
TUESDAY, MARCH 8—
12:00 Frosh Luncheon.
7:30 Band, Culbertson.
WEDNESDAY, MARCH 9—
7:30 Fencing, Dabney Dining Hall.
7:30 Orchestra, Culbertson.
9:00 Glee Club, Culbertson.

CES Meet Told Of Registration Act

Featured speaker at Monday's ASCE-sponsored meeting of the Combined Engineering Societies was John K. Minasian, consulting Civil and Structural Engineer, who gave an interesting and highly informative talk on the Registration Act for Civil and Structural Engineers in California. The degree of interest in this subject was shown by a large representation of all the engineering groups on the campus.

After giving a brief description of the history of registration in California, Mr. Minasian discussed the requirements and nature of the examinations which are now being required for "Engineer-in-training" and "Professional Engineer" standing. He supplemented the discussion with mimeographed material covering the main portions of the Registration Act.

Mr. Minasian's discussion helped to answer the questions of many students who will soon be completing their training in Caltech and will be required to take these examinations as they go into the field.

SENIORS:

Next Wednesday, March 9, will be the final day for ordering graduation announcement and invitations. Orders may be placed with Dave Baron, Blacker 55.

Blackerites Claim Social Successes

Blacker's social life this past term has been highlighted by two outstanding events; two events unique in setting and in entertainment.

The House moved to Lake Arrowhead the week after midterms for a Snow Party replete with the Chalet atmosphere of the Berner Oberland. Over twenty-five couples enjoyed the facilities of a super-ski hut for three days and two nights—tobogganing, sledding, and skiing during the day and dancing and singing in the evening. The weekend was so successful it took twenty-five people more than a week to recover!

Last weekend was the occasion for another justly famous Blacker Party Dance. The social committee and the members of Blacker House are to be congratulated on very cleverly taking the scene of the party back to the "Days of '49." Until 11:00 PM the "Blacker Saloon" could have been mistaken for "The Golden Nugget" with no exaggeration. Money flowed like water at the various nefarious gambling devices—a full size craps table, blackjack, roulette, chuck-a-luck and so forth. It is to be hoped that the House is now in the "black" after a most successful "take." Entertainment and the following House "tour" was the dividing line between the saloon and more respectable dancing 'till 1:00 AM.

A third no less successful affair was the annual Blacker-Fleming Barn Dance at Mountain Oaks. Thirsty couples milled about until time for the Crew Race and the Flamer contests, about which no more need be said. At 12:00 PM the management protested and at 12:01 AM not a soul was to be seen!

On odd weekends Blacker has maintained its full social schedule with record dances, a theater party, and an exchange dance of record proportions with "women about campus."

President's Ball To Be Given By Techstudentbody

The President's Ball will be held this Saturday evening at the L.A. Breakfast Club. The second ASCIT dance of the season, it will honor Dr. DuBridge and promises to be a very fine affair. Hal Lomen's band will be on hand with some very mellow and danceable music all evening.

The dress is semi-formal which means formals for the girls. For the fellows, Carl Price, ASCIT 1st Rep., says, "The important thing at Tech dances is that people come to them. It undoubtedly looks nicest when dress is more or less uniform, but since only a fraction of the men can afford tux, it would hardly be right to limit an otherwise formal ASCIT dance."

The L.A. Breakfast Club is located on Los Feliz near Riverside Drive. You can get there by going out Colorado to Glendale Blvd. Turn left on Glendale Blvd. and go south to Los Feliz. Turn right and travel west about 1 1/4 miles, and you'll see it on the north side of the street. You can also go out the Arroyo Seco Speedway to Riverside Dr., north on Riverside Dr. to Los Feliz. Turn right and go east a little way, and there it is.

ME Library Adds "Hot Rod", "Motor"

Professor Peter Kyropoulos has announced that two magazines of interest to many students have been added to those already subscribed to by the M.E. Library. They are the local publication "Hot Rod" and the British magazine "Motor". Professor Kyropoulos added that any student interested in any particular automotive topics is welcome to browse through the file of SAE publications.



The late Dr. Russell W. Porter, noted astronomer and designer, shown at his desk working on drawing for the spectograph to be used at Mt. Palomar.

Dr. Russell W. Porter Succumbs

Dr. Russell W. Porter, noted astronomer and Arctic explorer, died at midnight Tuesday, Feb. 22, of a heart attack at his home in Pasadena. He was 77 years old.

Dr. Porter played a key role in the construction of the 200 inch telescope at Mt. Palomar. His genius at visualizing complicated mechanisms and making lucid drawings of them were of inestimable value in the successful realization of the project.

Some weeks before his death Dr. Porter expressed satisfaction that he had lived to see the first observations at Palomar. "I've seen enough," he said, "to know that it's even better than we had thought."

A lesser known phase of Dr. Porter's life was his career as an artist-meteorologist when he

ASCIT Thespians To Emote; Performances Tonight, Friday

Head Of Greenwich Observatory At Friday Assembly

This Friday's assembly will feature Sir Harold Spencer Jones, Astronomer Royal of Great Britain, speaking on the subject, "The Earth as a Clock."

Director

Sir Harold is especially well qualified to speak on this subject, since he is the Director of the Greenwich Observatory. In addition to holding this position, he is also the immediate past president of the International Astronomical Union, and a past president of the Royal Astronomical Society. In 1943 he was knighted, and was awarded the Gold Medal of the Royal Astronomical Society the same year.

Contributions

Sir Harold's contributions in the field of astronomy are numerous. He is probably best known for his important work in determining the mean distance between the earth and the sun, thereby establishing a value for the Astronomical Unit. He has also done a great deal of research on star motions, stellar magnitudes, radial velocities, orbits of double stars and spectroscopic binaries, and a detailed study of novae.

At present Sir Harold is on a lecture tour, addressing various colleges and other organizations throughout Southern California. He will speak at Caltech on several other occasions, however, this will be his only appearance before the undergraduate body as a whole.

Local Pulchritude To Fascinate Techmen At Modern Melodrama

By CHAS. SHALLER

Music Lectures Set For Next Term

A series of music appreciation lectures sponsored by the Humanities Department will be given at Caltech during the third term. The lecturer will be Wilbur Chenoweth, formerly of Occidental College and now a private lecturer and teacher of musical history and appreciation, director of music at the Pasadena Neighborhood Church, and active in radio and television.

The first two of the series of six lectures will deal with the history and theory of musical form. The remainder will apply that material to various musical works. Symphonies, concertos, and other works will be analyzed with illustrations at the piano and possibly on records.

The lectures will begin on Monday, April 4 and will be on consecutive Mondays thereafter. They will be held in Dabney Lounge at 4:15 P.M.

Second Ricketts Apache Dance Held

The Ricketts Apache dance was a tremendous success with thrills and excitement provided all evening. The dance, set in a Parisian cabaret, was entered through the steam tunnels leading to the house basement.

Candlelight provided the illumination in the tunnels and feminine shrieks echoed as faithful Bill, the proprietor, was found lying face downward with a knife in his back. Ascending a twenty foot ladder built into the laundry chute the couples crept into another tunnel through the dining hall to the cabaret.

A romantic setting for the evening was provided by small booths complete with red checked tablecloths and candles set in tallow covered bottles.

Hal Neely's informal music greatly contributed to the gaiety of the evening and once again Hal demonstrated his unique ability to continue playing in perfect darkness.

Refreshed by an unusual grape punch, served from old wine bottles, the spirited Ricketts men and their dates danced from nine til one o'clock.

Color Television Set For AIEE Meet

The Caltech AIEE Branch will have a meeting this Monday, March 7, at 11 A.M. in 155 Arms. In addition to the annual AIEE election that will be held at this time, Dr. Paul Reed, head of the research department of the Columbia Broadcasting System in New York, will present a talk on "Color Television." Everyone is invited to attend, including non-members of the AIEE.

With respect to the annual election to be held at this meeting, if you have any nominations to make turn the names in to Clem Savant, George Bergstrom, Fred Schneider, or Edward Levonian. The office of chairman carries with it a paid trip to the AIEE convention to be held this summer at San Francisco.

All members of the AIEE Branch are urged to attend this meeting.

The greatest entertainment feature of the year comes off tonight and tomorrow night in Culbertson Hall. It's hilarious, it's controversial, it's lurid! You've never seen bolder scenes of passion, violence and illicit love. See stirring situations as a general going to work, true love displacing concupisence, the private revelations about the lives of some of our finest minds.

Assault

Punctuated by the mesh of brass corsets, the play swings from the sanguinity of a Sorbian revolution, through the placidity of Institute life, to assault in the iceplant.

Tryst

What devious, dark doings transpired when the billionaire and the lady physicist trysted in that lush San Gabriel hunting lodge? How can this affaire de sac come to affect the well being, yes even the lives of many powerful persons at the Institute?

Glands

What strange power causes the beautiful Annelida to cast herself before the scorn of the mouldy and heartless Ernst. What stranger power causes him to resist these Cornucopian overtures? Greater love? Scruples? Glands?

What savage mind conceived a plan that rent a family, quick froze their affections for 17 years?

Vengeance

What drives the General to forsake all, his home, his position and seek relentlessly, for one man? Will his vengeance cause him thus to roam . . . forever?

Breathless already? See all these knotty problems scrambled further. Pulling, twitching, sweating (but all with thespian perfection) the author and the players solve all with one glorious sweep of a meat-ax. You will be astounded, stunned, suspicious.

Cast

The cast alone is enough to lure the man who appreciates good work; it includes such all time greats as George Abell, Jim Hendricksen, Carl Fox, Jesse Weil, Carl Price, Chas. Shaller, Jim LaFleur, Pete Pauling, Stu Goldman, Dave Oakley, Brad Houser . . . And in the other corner Gloria Murphy, Et Parker, and Sis Stabler as various strata of love interest.

Price

Our play "Maid in the Iceplant" begins at 8:15 both Thursday and Friday. But on Thursday night one may see it for a mere 40 cents, whereas Friday it'll cost ya four bits.

Urp

Rush madly out now and buy your tickets from Bill Karsas in Blacker, Dan Markoff in Dabney, Bill Woods in Fleming, Carl Fox in Ricketts, or Ralph Ericson in Throop Club.

Interview Schedule

March 7 & 8—BOEING AIRPLANE COMPANY, Seattle Washington. Mr. John C. Sanders, Staff Engineer—Personnel, Interviewer. Seniors and graduates in Aeronautical, Mechanical, Electrical and Civil Engineering. Design, research and development.
March 8 & 9—AIR MATERIEL COMMAND, WRIGHT-PATTERSON AIR FORCE BASE, Dayton, Ohio. Candidates for BS degree in Aeronautical, Mechanical, and Electrical Engineering fields for work on research and development program at Wright Field. Will also interview Engineering and Science students, MS (P-2 rating) and PhD (P-3 rating).
GROUP DISCUSSION, March 8, 4:30 P.M., 206 Dabney Hall. All who are interested are invited to attend.
March 9—GENERAL MOTORS CORP., Detroit, Michigan. GENERAL DISCUSSION at 4:30 P.M. in 206 Dabney Hall. Seniors in Mechanical, Electrical, and Chemical Engineering invited to attend, and all men who expect to be interviewed must attend this discussion.

The California Tech

Published every Thursday during the college year except during examinations and holiday periods. California Institute of Technology 1201 East California Street, Pasadena, Cal. Subscription rates: \$1.50 per year. Entered as second-class matter Nov. 22, 1947, at the Post Office in Pasadena, California, under the Act of March 3, 1879. Offices: Lower Fleming Telephone: SYcamore 6-7121 Ext. 180 Distributor of Collegiate Digest Jim Hummel, Editor EDITORIAL STAFF Managing Editor.....Earl Hefner Sports Editor.....Thorne Butler Feature Editor.....Bob Kurland News Editor.....Bruce Stowe News Staff.....Fred Drury, Ollie Gardner, Dick King, Bill Wright, Tony Malanoski, Stu Goldman, Carl Price, Wayne Herzog, Finch Merton, Norman Fink, Walt Wadgott Rewrite Staff.....Bob Haufe, Chief Lee Ross, Alex Drapes, Charles Steese, Bob Kurland Special Writers.....Fred Wood, Paul Saltman, Dick Schuster, Stan Botcourt, Dick King, Jim Young, Carl Fox, Vern Edwards Sports Staff.....Dale Krause, Erle Brown, Leon Michaelson, Bill Harris, Stan Botcourt, Dan Lemay, Sid Stone Photographers.....Hugh Stoddard BUSINESS STAFF Manager.....Bill Bradley Circulation Manager.....Win Soule Business Staff.....Charlie Steese

CAMPUS BREWINS

The "hog on ice" method of the solution of problems, as opposed to the "wandering ant" method, was investigated by the men of both Dabney and Fleming at a skating party held over at the Winter Garden last Friday. Voted the man-it's-wisest-to-stay-away-from for the evening was Royce who, in the words of Saroyan, was "occupying his space like an officer." He can be seen hobbling about the campus and muttering, "Never again." Walquist was wearing new Levis—judging from the long, blue streaks observed on the ice. Happily, the sturdy Winter Garden ice was equal to this strain. Mal Hickey, who came along as a skating instructor for the rest of the Darbs' dates, managed a rather interesting maneu-

ver. While proceeding along at 88 ft. sec. he bent 'way over to swish between Marks and his date, who were, as ever, fondly holding hands. This was indeed a brilliantly conceived operation, but Hickey bent a little too far, and suddenly appeared in front of the amazed couple on a tripod suspension—two skates and his nose. This stance soon degenerated into a cold bath, but Mal, fortunately enough, had worn his water wings, and was soon rescued and pulled to shore. Bob Waters gave the illusion of being a superb skater as he and his date (you remember Peggy) glid gracefully around the rink. Without such delightfully "visable means of support" he was found to be as confirmed a wobbler and arm waver as the rest of us. Blom's date risked becoming a social leper 'mongst her classmates (Schmipps, of course) by wearing a knee-length skirt and exposing a lovely pair of gams. We can remember when . . . oh, well. Pyle is to be complimented on that which he procured at this same girl pool—a very tastefully constructed young lady. A poem from the Schmipture is here reprinted not for its lyric excellence, but rather for the gratifying shot in the arm it gives us males: ". . . EARLY SPRING . . . Ah, it may be reassuring For a gal who, not alluring, Unwed years has been enduring, Sad about it,

If she knows her fairer sisters, Keeping house for handsome misters, From their scrubbing all have blisters. But Idoubtit." This reminds us, somehow, about the paper that turned up in front of a grammar school teacher in answer to an assignment to write a story about the poor. One young realist had written, "It was a terribly poor family. The mother and father were poor. The children were poor. The cook was poor. The butler was poor. The upstairs maid was poor. . . ." Sort of wistful, in a way. Bruce Hedrick seems to have forsaken the pilgrimages to the great white wall to the east, and has been patronizing local industry. The Samaritan Institute will send you, in a plain envelope. . . . Before we get ourselves sunk into this schtuph too far, it would be wise to note the latest activity of Daniel Warner King. The operator buzzed him back Monday night to tell him that she considers it ungentlemanly to phone Schmipps so many times—so many different extensions—so many different girls. In the course of the evening, he talked 7 plus 9 plus 10 minutes to the White Wall . . . and well (Continued on Page 4)

The Front Burner

A witch-boy from the mountain came A pinin' to be human, For he had seen the fairest gal, The blue-eyed Barbara Allen. . . . from "The Legend of Barbara Allen" From an old Smoky Mountains ballad sung by generations of American mountaineers comes the poignant legend of Barbara Allen and her witch-boy lover, on which "Dark of the Moon," now playing at the Pasadena Playhouse, is based. Drawing on this ballad and other mountain folklore, the two playwrights, Berney and Henderson have synthesized tangy folk songs, earthy humor, and poetic drama to yield one of the finest evenings of theater entertainment we've yet enjoyed. Real Keen Since the "Burner" is intended mainly to inform Tech readers about those plays well worth seeing, as well as to warn them about the occasional "stinkeroos" that crop up, we'd like to pass along the word about "Dark of the Moon": don't miss it. Even though the production is handicapped by a somewhat less than adequate cast, the stage set-

tings, musical background, and content of the play itself more than compensate. Legend The legend itself is very simple. A witch-boy falls in love with Barbara Allen. He makes a bargain with the local "conjur" woman that he can remain human if Barbara Allen will remain faithful to him for one year. Yet the whole atmosphere of the play is natural; the superstition, crude humor, and hill-billy dialect is not forced, except in a very few cases. And given a more adequate cast, even these few pieces of over or forced acting would not have occurred. The simple but effective stage settings suggest the wild and crude environment of the Smoky Mountains hill-billy to form a perfect background. Folk Songs Two unusual and entertaining features offered were the mountain folk songs given by members of the cast during between-scene pauses, and dancing sequences dne by the witch-boy and the lithe but well filled-out-in-tights witches.

The Evening Concert

KFAC 8-10 p.m. Presented by the Southern California and Southern Counties Gas Companies THURSDAY, MARCH 3, 1949 COCKAIGNE OVERTURE, by Elgar. B.B.C. Symphony Orchestra conducted by Sir Edward Elgar (13). SYMPHONY NO. 9, by Shostakovich. Philharmonic-Symphony Orchestra of New York conducted by Erem Kuriz (28). SONG OF THE EARTH, by Mahler. Kerstin Thorborg, Contralto. Charles Kullman, Tenor. Vienna Philharmonic Orchestra conducted by Bruno Walter (57). THE FOUNTAINS OF ROMA, by Respighi. Symphony Orchestra of the Augusteo-Rome, conducted by Victor de Sabata (14). FRIDAY, MARCH 4, 1949 Weekly Feature Concert—A Program of New Recordings OTELLO—OVERTURE, by Dvorak. Czech Philharmonic Orchestra conducted by Rafael Kubelik (9). SYMPHONY NO. 88 IN G MAJOR, by Haydn. Philadelphia Orchestra conducted by Eugene Ormandy (24). ORAZIO FRUGONI, PIANISA. CONCERTO IN E FLAT MAJOR FOR PIANO AND ORCHESTRA (1784), by Beethoven. Pro Musica Orchestra conducted by Paul Paray (24). SCHEHERAZADE—SYMPHONIC SUITE, by Rimsky-Korsakov. Philadelphia Orchestra conducted by Eugene Ormandy (40). NURSERY SUITE, by Sir Edward Elgar. London Symphony Orchestra conducted by Elgar (16). SATURDAY, MARCH 5, 1949 THE MAGIC FLUTE, by Mozart. Berlin State Opera Soloists, Chorus and Orchestra conducted by Sir Thomas Beecham. MONDAY, MARCH 7, 1949 OBERON—OVERTURE, by Weber. Boston "Pops" Orchestra conducted by Arthur Fiedler (8). SYMPHONY NO. 1 IN E MINOR, by Sibelius. Philadelphia Orchestra conducted by Eugene Ormandy (36). CYRIL SMITH, PIANIST. CONCERTO NO. 2 IN C MINOR FOR PIANO AND ORCHESTRA, by Rachmaninov. Liverpool Philharmonic Orchestra conducted by Sir Malcolm Sargent (35). VARIATIONS AND FUGUE ON A MOZART THEME, by Reger. Saxonian State Orchestra conducted by Dr. Karl Bohm (30). TWO AQUARELLES, by Delius. Boyd Neel String Orchestra conducted by Boyd Neel (4). TUESDAY, MARCH 8, 1949 ROMAN CARNIVAL—OVERTURE, by Berlioz. The Philharmonia Orchestra conducted by Issai Dobrowen (9). SYMPHONY NO. 3 IN F MAJOR, by Brahms. Boston Symphony Orchestra conducted by Serge Koussevitzky (36). ALFREDO CAMPOLI, VIOLINIST (20). SONATA IN G MINOR, by Hartini. INTRODUCTION AND RONDO CAPRICCIOSO, by Saint-Saens. Symphony Orchestra conducted by Walter Goehr. TRISTAN AND ISOLDE—SYMPHONIC SYNTHESIS, by Wagner-Stokowski. Philadelphia Orchestra conducted by Leopold Stokowski (34). MATINEES MUSICALES, by Britten. Boston "Pops" Orchestra conducted by Arthur Fiedler (13). WEDNESDAY, MARCH 9, 1949 L'AMOUR MEDICIN—OVERTURE, by Lully. Pris Conservatory Orchestra conducted by Edvard Fendler (4). SYMPHONY NO. 5 IN C SHARP MINOR, by Mahler. Philharmonic-Symphony Orchestra of New York conducted by Bruno Walter (64). JOEL BERGLUND, BARITONE (20). BLICH ICH UMHEN AND EVENING

Musical Masterpieces

KFAC 4-5 p.m. daily 2-5 p.m. Sunday Presented by the Slavick Jewelry Company THURSDAY, MARCH 3 *Ruins of Athens Overture—Beethoven Leopold Stokowski and All-American Orchestra *Concerto in D Major—Brahms Jascha Heifetz violin, Serge Koussevitzky and Boston Symphony Orchestra Ballet Egyptian—Luigini. Pierre Chagnon and Symphony Orchestra of Paris FRIDAY, MARCH 4 *Divertissement—Ibert. Arthur Fiedler and Boston "Pops" Orchestra *Symphony No. 8 in B Minor—Schubert Sir Thomas Beecham and London Philharmonic The Fire Bird Suite—Stravinsky Ernest Ansermet and London Philharmonic Orchestra SATURDAY, MARCH 5 Otello, Abridged—Verdi Otello—Giovanni Martinelli, tenor Desdemona—Helen Jepson, soprano Iago—Lawrence Tibbett, baritone Wilfred Pelletier and Metropolitan Opera Chorus and Orchestra SUNDAY, MARCH 6 Norma Overture—Bellini Anatole Fistoulari and National Symphony Orchestra *Sinfonia Concertante in E Flat Major—Mozart. Leopold Stokowski and The Philadelphia Orchestra *Variations on a Theme by Tchaikovsky—Arensky. Dr. Frank Black and NBC String Symphony Orchestra MONDAY, MARCH 7 Egmont Overture—Beethoven Alceo Galliera and The Philharmonia Orchestra *Concerto in D Minor—Bach Manuel Compinsky, violinist Gordon Schoenberg, oboe Willem Van Den Burg and Pacific Symphonetta Divertimento No. 17 in D Major—Mozart Sir Hamilton Harty and London Philharmonic Orchestra Nocturne No. 5 from "Shylock"—Faure Philippe Gaubert and Paris Conservatory Orchestra TUESDAY, MARCH 8 Sicilian Vespers Overture—Verdi Carlo Sabajno and La Scala Orchestra, Milan Symphony No. 2 in B Minor—Borodin Albert Coates and London Symphony Orchestra *The Lament for Beowulf—Hanson Howard Hanson and Eastman-Rochester Symphony Orchestra and Eastman School Choir WEDNESDAY, MARCH 9 Benvenuto Cellini Overture—Berlioz Pierre Monteux and Symphony Orchestra of Paris *Capriccio Brillant—Mendelssohn Joanna Graudan, pianist Dimitri Mitropoulos and Robin Hood Dell Orchestra of Philadelphia Rosamunde—Incidental Music—Schubert Sir Hamilton Harty and Halle Orchestra *By Request STAR FROM TANNHAUSER, by Wgner. CATALOGUE ARIA FROM DON GIOVANNI, by Mozart. HOW OFT IN OCEAN'S SEETHING DEPTHS? FROM THE FLYING DUTCHMAN, Wagner. A MIDSUMMER NIGHT'S DREAM—INCIDENTAL MUSIC, by Mendelssohn. NBC Symphony Orchestra conducted by Arturo Toscanini (28).

COTTAGE GRILL

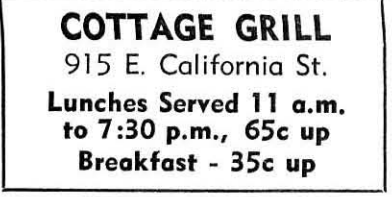
915 E. California St. Lunches Served 11 a.m. to 7:30 p.m., 65c up Breakfast - 35c up

Campus Barber Shop

In Old Dorm Coffee Shop Bldg. ALSO 4-DAY LAUNDRY & CLEANING SERVICE

like cream hair tonics?

Here's the cream of them all! contains Viratol* gives your hair that "just-combed" look—all day long! NEW FORMULA WITH VIRATOL* works wonders in the locks of your hair. It looks natural... it feels natural... and it stays in place! Try a bottle.



new Vaseline cream hair tonic *This special compound gives lustre . . . keeps hair in place without stiffness.

TYPING THESES

MANUSCRIPTS PAPERS CORINNE BABCOCK SY. 9-2462

WILSON'S RADIO & SOUND

Specialists in Service 2 Blocks West of Campus Promise You: HONEST, EFFICIENT SERVICE Using Only Quality Parts Charging R.M.A. Rates 907 E. Calif. St. Sy. 3-6290

Voget & Cathey

MEN'S CLOTHING FURNISHINGS Fridays till 9:30 p.m. 459 East Colorado Street Sy. 2-3871 - Pasadena 1

FOR THE BEST IN CORSAGES

SEE THE LAKE FLORISTS 104 SOUTH LAKE AVENUE Call SYcamore 3-6803 Open Evenings

Smoke a LUCKY To feel your LEVEL best!

Luckies' fine tobacco picks you up when you're low . . . calms you down when you're tense!



L.S./M.F.T. - Lucky Strike Means Fine Tobacco

Talkin' It Over
With The Goon

Hung it up for the last time Friday night. Also said so long to one of the finest men that I have had the pleasure of meeting and working with. There is no one criteria for what makes a good coach; to the contrary the factors which add up to a top flight mentor are so numerous that fifty columns would not be enough to cover the topic. I'd like to give you men a thumbnail sketch of a man who, to me, represents the acme (not liquid) of coaching and let you draw your own conclusions.

Player

Carl Shy is one of a great number of top basketball players that picked up his first love of the game at the Hollywood Y. The normal chain of events followed—All-City guard from Hollywood Hi, four years at UCLA, All-PCC 1933, member of AAU championship five for two years, U.S. Olympic Team, 1936. The guy was born and bred a basketball player and has lived and loved the sport ever since. Very few coaches have the actual experience and know-how that Mr. Shy has at his command.

When you first meet him you are impressed by his quiet, friendly manner. This is indicative of the way he is at all times. I don't think I can ever remember Mr. Shy raising his voice at any time either at practice or in a game—not even at some of the

(Continued on Page 4)

Beavers End Cage Season

After last weekend the cagers have turned in their suits after another dismal season. A record of 3 wins and 12 losses is not too impressive. One of the major reasons for the large number of losses was the Beavers' tendency to crack under the strain of a close game. Far too many games were lost by two or three points after leading the whole way until the final gun.

Free Throws

One of the major hindrances for the Beavers was their poor showing on the free throw line. The Shy-men had 304 attempts, making only 141 good for a percentage of 0.464. As an indication of this low percentage, the highest individual percentage honors was taken by Thorne Butler with a 0.567, followed by Bill Cox with a 0.565.

When considering over-all team scoring the Beavers dropped in 641 points for the season against 797 for their opponents in fifteen games; the reason for a poor record is self evident. In individual scoring Paul Saltman took high honors with a total of 186 markers for an average of 12.4. In conference play The Goon had a better average of 15.8. Ted Bowen followed with 118 for an average of 8.4. Bill Cox had a 5.5, Butler 4.9, Montgomery 3.6, and Al Sereno 2.6 filled out the club's highest scoring averages.

Beaver Sports

Reds Favored In Interhouse Water Meet Tuesday

This afternoon at 4:15 qualifying trials in Interhouse swimming will be held at PCC pool. The finals (if you'll pardon the expression) will be run off next Tuesday at 4:15, same place.

Fleming Favored

Fleming is looking powerful as usual, with high hopes for frosh Yeazell and Cagle. It is claimed that Pete Yeazell is a '49 model of last year's Dick Libbey. Chuck Norman is giving even money that the Red will take more points than all the other houses together. He bases this bet on Yeazell in the free style, Cagle and Schuster in the breast stroke, Fairall and Walquist in the backstroke, and Hammond in diving.

Ricketts Hopeful

Ricketts is very hopeful, but is dealing with unknowns. This team bears watching as it may show some surprises. The roster includes Chu, Clark, Cohen, Enslow, Rodriguez and Moss in free style, Greene and Newman in the backstroke, and Asquith in the breast stroke.

Dabney will try to make Tuesday count in its attempt to close the fifteen-point Fleming-Dab-

Goldworthy Cup Goes To Rowdies; Throop Runner-up

The Interhouse Bowling League finished out its season last Monday at the Pasadena Bowling Courts with Blacker making a valiant, though unsuccessful bid to overtake Throop for second place. First place Ricketts, after clinching the Goldworthy Trophy for league supremacy two weeks ago, eased up this week and only won two games.

Throop Runner-up

Throop Club pintopplers garnered second place by winning four games, while Blacker's seven wins placed them in third spot. By virtue of a four-four split, Dabney ended the season in fourth place. Fleming won three games, but still ended up in the cellar spot.

Final Bowl Standings

House	Won	Lost	Pct.
Ricketts	80	48	.625
Throop	65	63	.508
Blacker	64	64	.500
Dabney	62	66	.485
Fleming	49	79	.383

ney gap in the trophy race. Pitted against the Red will be free stylers Westervelt, MacKenzie, Weil and Laff. Robinson is the man to watch in the backstroke. Blacker watersnakes include

SCIC STANDINGS

(Final)

	W	L	Pct.
Whittier	8	0	1.000
Redlands	4	4	.500
Pomona	4	4	.500
Occidental	2	6	.250
Caltech	2	6	.250

Beavers Choke

Pomona Runs Wild In Final Minutes With 61-47; Put Tech Last

Last Friday evening on the Sagehen campus Pistol Pete Welch and Locke Bowling-out Olson sparked the Pomona varsity to a 61 to 47 rout of the Beaver varsity. This loss in the final conference game off the season dropped the Orange and White into a fourth place tie with Oxy.

Frosh Sports Roundup
By Leon Michaelson

Our congratulations go out to the fightin' Frosh five in their tie for second place in basketball league play. Bowing out with a 44-to-41 victory over Pomona last Friday night, the Little Beavers copped second roost beside the die-hard Oxy Frosh, both teams looking back at four wins against four defeats. Frightened only by the 38-38 score with minutes to play in the Pomona game, the locals had little trouble in bringing the Sagechicks to their second defeat.

Able Managers Earnest and (Continued on Page 4)

Saltman On All Conference Ten

Last Monday night the SCIC cage mentors had trouble agreeing on who's All-what in the Conference. To save any bitter feelings, the coaches choose a ten men All-Conference squad. The Beavers high scoring center Paul Saltman was one of the six unanimous choices. The Poets from Whittier took three positions; a good reason for their capture of the title for the third straight year.

Forwards—*Gene Haas (O), *Gordon Pederson (W), Bob Rosenberger (R).

Centers—*Bill Moore (W), *Paul Saltman (CT), *Locke Olson (P).

Gurds—*Don Wardmen (W), Bill Stanley (R), Bob Essig (P), Dick Jackson (O).

*—Unanimous choice.

The game was the cleanest of the season, or maybe the refining was the best so far. Also, it was a strange scoring game, with the lead changing hands several times. Tech ran up a six point margin at the half, and the Sagehens came right back to go four ahead. Tech again went into the lead, this time by four points, and then the lead was again similarly reversed. Tech then evened the count at 44 all, and then the rout took place, our casabamen tossing in only 3 points to Pomona's 17.

The Tech squad began very slowly but soon picked up steam to go ahead. Trailing 18 to 13 in the first half, they picked up 12 straight points to lead 27 to 21 at halftime. This splurge was featured by good control of the backboard and a strange coldness in Locke Olson, Pomona's great center.

However, as the second half began, we were gripped by the same cold, and the Poets pushed through 10 straight points. Then there was the seesaw battle that lasted until 7 minutes remained. Then, our team seemingly fell apart, and the Blue and White went wild for 17 digits in 7 minutes.

Locke picked up in the second half to end with 20 points, but it was little Pete Welch who deserves the main credit. As usual he was deadly with his short shots from the side of the bucket. Pete scored 24 points to Olson's 20.

Ted Bowen and Paul Saltman took most of Tech's scoring with 14 and 13 points to their credit. Paul played a fine first half but got tied up after that. It was his last conference game, and he should receive a lot of congratulations for the fine ball he has played the past four years. It was also the last one for Bass, Bruington, and Vreeland. We can start looking ahead to next season. Most of our Varsity regulars, plus some fine men from the Frosh squad, will be back.

HOUSE JACKETS
Corduroy and Flannel

Fowler & Schrader Open Fri. & Sat. Nites

881 E. Colorado
"Men's Distinctive Fashions"

PASADENA BOWLING COURTS
970 East Colorado

Headquarters of Caltech Bowlers
Open 11 a.m. to 1 a.m. SY. 3-1341
Special Student Rate before 6 P.M.
except Saturday, Sunday, and Holidays
20c Per Line



HE HAS BUILT A BRAND NEW CITY

The "telephone man" is mighty busy these days!

Since the war, among many other things, he has built or enlarged 2,800 buildings... scores of them large enough to fit into the skyline of a modern metropolis.

These buildings are more than brick, mortar and telephone equipment. They are jobs for thousands of men and women... more and better telephone service for millions of people... more business for the towns and cities in which they are located.

But most important of all, they are an indication of the Bell System's earnest efforts to keep up with the nation's ever growing needs for communications service.

BELL TELEPHONE SYSTEM



Ice Skating
Daily 2:30 to 5, 7:45 to 10:45
Sat. & Sun. Morn. 10 to 12:30

Skates for Rent
Instructions
Pasadena Winter Gardens
171 South Arroyo Pkwy.
SY. 2-7151 RY. 1-6066

YOUR COLLEGE SPORTS SHOP
Headquarters for Sporting Goods
WYNN MACE Tennis Shop
Phone SYcamore 6-5804
912 EAST CALIFORNIA ST.
Pasadena, Calif.

CALTECH BARBERS
on California Near Lake

The Pause That Refreshes
And It's Only Five Cents



Ask for it either way... both trade-marks mean the same thing.

5¢

BOTTLED UNDER AUTHORITY OF THE COCA-COLA COMPANY BY
COCA-COLA BOTTLING CO. OF LOS ANGELES

© 1949, The Coca-Cola Company

WHEN YOU ARE HUNGRY
WHEN YOU ARE THIRSTY
OR
WHEN YOU JUST NEED RELAXATION
IT'S THE
SKIP INN
Beer - Plate Lunches
1352 E. WALNUT
Open Till 2 A.M.

CROWN
129 N. Raymond, Pasadena
SY. 6-5100
Doors Open 12 M., Cont. Daily
Now Playing

WARNER BROS. NEW ROMANCE "RIOT"
JOHN LOVES MARY

RONALD REAGAN · JACK CARSON · EDWARD ARNOLD
WAYNE MORRIS · VIRGINIA FIELD · PATRICIA NEAL

Plus
THE ACCENTS ON FUN!
(slightly French)
LAMOUR · AMEICHE
SLIGHTLY FRENCH
A COLUMBIA PICTURE

TALKIN' IT OVER

(Continued from Page 3)

stupes that have reffed his teams. If a player makes a mistake, he waits until the initial choke period has worn off and then tells the guy how to do it next time.

There is something in his calmness that makes you feel as if maybe he should be kicking you in the teeth instead of patting you on the back. But instead of feeling that you can get away with the same sloppy trick again, you try twice as hard to improve. It is this very trait of guiding rather than beating that makes Carl Shy the great coach that he is. Many have been the complaints from his players that he doesn't lay down strict training rules, or that he doesn't drive them hard enough. They all overlook one important point—if a guy wants to play ball, and really play ball, he will be his own trainer and his own driver.

Up until the time that Mr. Shy arrived at Tech, I think that the Orange and White only came out on top in one or two conference games in their whole history. In the past eight years Coach Shy has won two Championships and finished in the bottom twice. His teams have always won at least two conference games per year. Any other coach of equal ability would have long ago turned in his whistle. The problems facing a basketball mentor are so gross and obvious that they bear no repeating. But his reason for staying is the key to his character. He said, "I like it here because the boys are playing for the enjoyment of the game, not for the glory or the scholarships. As long as there are five men who want to play, I'll be out there."

It has been a true pleasure to play for such a great Coach.

Classified Ads

DE SOTO, '41, 7-pass., looks rough but good engine, tires, radio, gas mileage. See Hedrick, Dabney 11. SY. 39814. \$450.

Oak Knoll
Cleaners

THREE DAY

Cleaning Service

FIVE-DAY LAUNDRY

SY. 3-6704

Rain or shine we're **ALWAYS** on time.

Special Features
Peraseptic, cleaning, mothproofing service, tailoring and repairing.

Pressing While You Wait

"Service With a Smile"

902 East California Street
(4 Doors East of Lake)

Next Door to Caltech Barber Shop

CAMPUS BREWINS

(Continued from Page 2)

over 20 minutes to the lady-of-the-black-box. (P.S. He claims he could have dated her, but didn't . . . did infinitely better at Scripps).

V.P.-to-be Dave MacKenzie and Jim Blom were invited to the Apache Dance. Sichel and a few other leeches shoved their big fat selves in too—in spite of which a truly fine, but overcrowded affair was noted. The Rowdies went to a lot of work to put the dance over, and it really paid off.

An interesting note was made to the effect that the dominating damsels way out there in the sticks refused to give their blessing to exposure of a few kneecaps. The Schmippes-ettes rebelled commendably . . . altho' we observed a few ideal arguments for the new look. Not without an air of wonder and amazement, we add another check to the so-very-few present in our little pro-Scripps ledger.

The girls this year were really good sports about the required 15.24 cm. above the knee dress length, which added greatly to the atmosphere. Blind dates were procured (an indeed appropriate term) by the regiment. The blind date machine worked so well that a few of the Redmen had to be pulled from the Keg, painted French, and sent on the long way to Claremont, or a number of other holes. Colonel G. was there for a while, approved, left for an inspection (yeah, I know what kind, too) of the Blacker troops.

Bowen came to the dance after that unfortunate casaba farce, and was boorishly cut in on by Willis, who seemed to want his date back, in view of the fact that Ted seemed to be getting ideas and plans that didn't include Willie, the generous, but foolish soul.

Roger Baier's gal put more vitamin E into the couple of songs that she sang than we've ever seen in one package, unless perhaps that package was one containing the date that Al Cohen brought to the shindig.

Norm Fink ws doing well with Jinx Jenkins, the lil' chick that checks at the P.C.C. bookstore, until she got a pain and went home. After Norm returned, he soon felt no pain.

Friday night Ricketts invaded Dabney's own substation, Browning. Among the leftovers from some previous affair, Pardee, Peck, and die Muehl were graciously tolerated until Bill started Paul Joneses every time things seemed to be going well. Carl Hirsch, the lucky guy to take cute little Marilyn Blue-rock to the game, showed a considerable measure of grey matter when he ducked out of the path of the thundering herd. She was well tramped by—well, almost everyone. The supreme deal of the evening came when Schroeder and Rodreguez almost talked her into breaking a date for the next night in order to come to the Apache Dance with Brad Houser. Well, it almost worked. She said that she'd be glad to help in the future, but Rod and Norm said

that they doubted if she would get another chance at Houser, in view of the fact that they too know a good thing when they saw it.

Fleming's R.A., C. S. Bulman, who has shown a healthy male interest in one Betty—same one Jay Linderman has been dating—is looking around for regulations, necessary and sufficient to restrict (leave us, in elite fashion, say "encampus") J. L. to his quarters next weekend.

Blacker had a night of sin—and admitted it. Lovberg celebrated by carousing in brew . . . first time since New Year's. The Blacker sage says, and we quote, "IT WEAKENS THE MORAL FIBER."

Bouquets to Blacker's social committee for letting down the bars on gambling Saturday night. At the Party-dance, everyone had a "peachy" time in a big community sing after desperadoes lifted their ill-gotten gains from the gambling tables. Beauty-King Chuz Howard boasts that he broke the bank at roulette—an old hand from the Riviera, or does he use the C.I.T. Univ. of Chicago system?

Even with all the lights out—dancers stumbling over bodies presumably shot by the desperadoes) and a sexy atmosphere, many of the Blackermen went over to Ricketts . . . maybe they were interested in this boy-and-girl-and-band-that-can-play-in-total-darkness stuff.

The Meat War continues! It continues grimly! Both of the corporations seem to be positive that the other is ready to fold.

F. S. R.

(Continued from Page 3)

Leo have given us the tabulated report on individual scoring in league competition. The leaders are:

Player	Points	Av. per game
Patapoff	106	13.2
Michaelson	62	7.8
Grey	46	5.8
Granger	31	3.9
Snider	30	3.8

Fairell is rumored to have a stock of Jiffy-dogs sufficient to last until . . . we won't say until Hell freezes over! Barry reports that a little Throop Club punch sprayed over a pile of hamburger discourages bugs like the devil.

The Fleming capitalism has also cropped up in the great used car market of Arnold and Haines, who for \$45 outlay are now provided with a notorious '27 Nash and a '32 Chevy. The beak is that the Nash hasn't run since Truman's election, but the A.H. team is undaunted. They are calling on one Dr. N.A.M. Untereiner for advice of the sort which has made the worthy economist famous.

TIME straggles on!

A hearty handshake is due from you to Messrs. Patapoff and Grey on their recent election as co-captains of the Frosh basketball squad. Congrats, men.

Mrs. Nature seems to be intent on seeing that the inter-class track meet doesn't come off. We have some pretty reliable dope that the Seniors developed a rain machine and cranked out a muddy track, contemplating—and rightly, too—spirited competition from the Frosh cindermen. After postponing the meet from Saturday until Tuesday, it was again postponed indefinitely due to dampish conditions.

With the thunder of churning spikes the Frosh baseball team is getting organized. But, men, really, seven players are not enough for a team! New rules have it that there should be around nine, anyway. We realize that with Norm Grey on the mound there's no need for fielders, but there is a dire need for some men to fill up the suits that are lyin' around. See you out!



HAROLD O. GRONDAHL

Representing

NEW YORK LIFE INSURANCE COMPANY

234 E. Colorado St., Pasadena

Phone SY. 2-7141

A *Always* **B** *Buy* **C** **CHESTERFIELD**

"Everybody likes Chesterfield because it's **MILDER**. It's **MY** cigarette."

Linda Darnell

STARRING IN

"A LETTER TO THREE WIVES"

A 20TH CENTURY-FOX PRODUCTION



The TOP MEN of AMERICA'S SPORTS smoke CHESTERFIELD

BEN HOGAN says..."Mine's Chesterfield.

I took to them right from the tee-off..."

MAKE YOURS THE MILDER CIGARETTE

MORE COLLEGE STUDENTS SMOKE CHESTERFIELDS THAN ANY OTHER CIGARETTE—BY LATEST NATIONAL SURVEY

