ASCIT FORMAL

California Institute of Technology Monday, November 28, 1949_

New ME Berth Vets Of Mudeo **Most Complete Laud Cotillion**

men, trucks and cement all over Building" for which \$625,000 is being spent?

The Engineering Department is expanding and consolidating its various departments.

Design Features

The Buildings and Grounds Department has designed the building along the lines of the present M.E. building. The net usable floor space will be about 25,000 square feet—a considerable increase over the 6,000 square feet now available.

Maximum floor loading will be greater than any building on campus-200 pounds per square foot. Even the roof, which will be like a floor to permit further expansion, has the same loading capacity.

Besides sporting an elevator similar to the ones in Arms and Mudd, this building will boast complete fluorescent lighting the only building on campus primarily equipped with the stuff.

Cooling and Heating

Considering the warmth occurring during summer months, the building will be equipped also with adiabatic air cooling. One room will be radiantly heated from the ceiling and another will have radiant heating in the walls.

Two recent building ordinances have necessitated some more new features on campus for fire prevention. Closed stairs will be separated from the halls by fire doors and the sub-basement will have an automatic Blacker Fling sprinkling system.

Division of Space

of the basement will be housed other part of the basement will take care of Soil Mechanics and two instruction rooms. Offices and Testing Materials Lab will tions. be on the first floor. The secmore offices and somewhere Con-There will also be an expansion mittee. of vibration work.

Completion by Fall

The structural work should be ing should be ready for use.

All Seeing Eye Safer Than Radar

The Magic Box of Aviation-The All Seeing Eye-This is the Zero Reader. Here is your chance to learn about this new system of aircraft direction and control that has all the advantages of GCA Radar, plus a few more, but has none of the dis-

Since this device operates solely from the plane, using existing radio beams, there is no chance for a man on the ground to make a mistake that would cost lives.

Come Ye!

Be enlightened-hear Mr. L. Webel of Sperry Gyroscope Co. explain the Zero Reader on Monday, Dec. 5, at 11:00 a.m., in 201 Bridge.

Everyone is invited.

Concrete Topic At ASCE Meet

'Prestressed Concrete" will be the topic of Mr. Billig of London, Eng., at today's ASCE meeting. Last Monday's ASCE guest speaker was Maurice Sasso, who accompanied his talk on "Continuous Beam Construction,' with movies.

Campus Calendar

TUESDAY, NOVEMBER 29
12:00 Y Frosh Lunch Club
7:15 Alumni Placement Talk in Fleming

WEDNESDAY, NOVEMBER 30 7:30 Orchestra Rehearsal in Culbertson 9:00 Glee Club in Throop Club

up piece of campus with all the rivalled frosh held their annual dance in Dabney Hall Lounge it? What's going on in that proj- last Saturday night. The dancect called the "Engineering ing was done to the melodies of Vern Rowe's orchestra. Over 75 couples attended this acme of social events.

Paying and Planning

The frosh had to pay for the affair as a result of their recent defeat by a score of 5 to 2 at the hands of the sophomores in the Mudeo. The frosh provided the work and money that made the dance a success, while the sophs did the planning.

Dance Committee

The dance committee consisted of three sophomores, Class President John Noble, Gil Kitchings, Al Haber, and Frosh President Tom Janssens. They managed to plan the dance in such a way as to leave some currency in the frosh treasury and still make the dance the "success" it

Gate Crashers

Chaperones at the dance were Dean Strong, Mr. Tanham and their wives. A valiant effort was made by the underclassmen to exclude all the upperclassmen, but they were not able to keep all the crashers out. Notable among the members of the upperclasses was Dallas Peck, president of the Junior Class. Peck was heard mumbling something to the effect that he dug the pit for the Mudeo and, dammit, he was going to attend the

Feet Fly At Fluid

Saturday night was the night for Square Dancing and the In the sub-basement and part Blacker men present at the Ride-slide when my back was to the underclassmen who are tion. A-While Stables in Burbank turned," will be M.C. Coach Metallurgical Engineering. The spent the evening in learning some of the many types of square dances and then trying to follow through with the mo-

There was a professional callond and third floors will have er present, Mr. Homer Garret, who was obtained by McCourt crete Testing will hang its hat, and Parnes of the Social Com-

Entertainment other than dancing consisted of a Crew Race between the Junior and finished by June 15 and by the Freshman team and the Senior time Fall rolls around, the build- and Sophomore team. The Race was won by the Junior and Freshman team by the narrow margin of approximately half a

Nice Hay!

An added attraction was provided by the Stables in the form of a wagon and horses. Reclining in the hay while touring Burbank was the idea, but try and recline with the hay already filled with people.

Honorable mention and a doubtful amount of thanks go to stags Twining, Stefanides, Ogilvie and Conner, who helped the crowd and themselves to the liquid refreshments.

Noteworthy

Present were a large number of lovely girls suitably attired in the clothes necessary for barn dances and hay rides. Also noteworthy was the fact that the four stags above mentioned managed to get themselves home. They were assisted by Larry Knight and his 2½-ton truck. Larry is the recipient of the thanks of the house for using his truck and his time to enable some of the carless couples to get over to Burbank.

Blacker's next social get-together is a Playhouse Party in the Balcony Theater of the Pasadena Playhouse on Dec. 2. The play will be "The Thirteenth Chair" and the cast is invited to the open house in the lounge immediately after the play.

Got Your '49 Big T?

Those students who were ASCIT members last year and who haven't yet received their 1949 Big T, are urged to see Jim Blom in Room 25 Dabney House. Others may purchase copies for \$5 each.

CHRISTMAS IS HERE!



Ed Reinecke and Bill Freed, social wheel for the ASCIT, and their dates watch Santa come down the chimney with news of the ASCIT dinner Formal next Saturday night. The Riviera Country Club will be the scene of the gala affair.

Fall Banquet Set Tonight

With the sound of gnashing the athletic banquet will get under way at 6:30 tonight at the Brookside Park Country Club.

To team members of crosscountry, water polo, soccer and football, either Varsity or Frosh, the damages will be \$1.00. All others will be obliged to pay \$2.00 for a delicious steak din-

Sharp M.C.!

Dr. Sharp of Geology lecture fame or "they slipped in that '29 and '39 have also been in-

Tickets can be purchased from to hear some keen jokes, eat Brookside Park at 6:30 tonight.

Pre-Registration

Undergraduates have until this Friday to complete preobtained in 119A Throop.

Darbs Spree With Skating, Dancing

Braving the elements, the Dabney flock of ice skating enheld last Saturday night at the Pasadena Winter Gardens.

Those distinguished roues, Mal Hickey, Hal Martin and Dutch, realizing the opportunities for dazzling the multitudes with their flashing skates, put forth Lemmings Enjoy an appearance.

Hot Cocoa

Cain, with a charming South Pasadena miss, was one of the first to receive technical assistance. Worrell was also on hand of virgin muss were christened Light Years to insure business for his drycleaning concession; Williamson threatened to take the matter to slushy ice. Eventually, the an- Happened Tomorrow." kles being tired, the bruises and dancing.

This Saturday there will be a are staying over for the Thanksgiving recess.

However already there is evi-ASCIT Formal, involving vast master transportation schemes threatening to rival the mighty PE. Wild argument and specuversion the Riviera and Scripps. used for target practice.

GraduateStudy Seminar Topic

The Alumni Placement Discusteeth and clanging silverware, sion Series will continue tomorrow in Fleming House at 7:15 p.m. with Mr. Nico van Wingen as guest speaker. The subject Should I Choose a Graduate School," will be of special interest to the scientists and engineers who plan to do any graduate work.

Wide Interest

This discussion is not only of interest to the seniors, but also as yet only thinking about grad-Jordan Oliver of Loyola will be uate work, since one of the topthe guest speaker. The teams of ics under consideration is the requirements and factors to be considered in graduate work.

Other main points will be the any team manager. If you'd like problem of deciding whether to attend such an institution or some good grub, and have a fine not, as exemplified in the adtime in general, come on out to vanced degree, how to go about receiving the necessary information, and the data concerning the choice of a graduate school for any field.

Mr. van Wingen has a back-

He also served as Chief Evaluation Engineer of the Richfield kicked out of the shop. thusiasts attended a small frolic Oil Corporation at Los Angeles and previously had held various positions with the Continental Oil Co. of Bakersfield, Calif., and the Shell Oil Co. of Los Angeles.

Evening At Stag

The Fleming horde let loose full blast last Thursday night at their fall stag party. A score as the traditional refreshments were enjoyed very much.

Movies shown during the evethe NLRB, contending that it ning included an ancient Disney was an unfair labor practice to cartoon, some Chaplin slapstick, deliberately trip men on the and a full-length feature, "It

Pope Big Don Barrie awarded painful, the party returned to the Golden Goose for the sad-Tech to thaw out on hot cocoa dest story of the year, not to the justly-deserving Dick Bennett, baby-food expert, or to Jack record dance for those men who Scantlin, whose selection of females cost him approximately 3.14159 times the amount of gold in Fort Knox, but to himself dence of plans for the coming for hurting his knee the first time he got in the game.

Highlighting the evening was a contest between alleys two and five for possession of the brass for which the path of light to election of club officers. Bruce lation are raging as to whether spittoon. Pauling, Cagle, and the earth passes through clouds Stowe was appointed chairman, it would not be cheaper to move Keswick choked, but George of atomic calcium; then by the Carl Anderson vice-chairman, the Riviera Country Club, with Cooke came through with a tre-President Royce announcing the mendous victory spurt to bring stars and of the calcium, cor-treasurer. arrival of contracting bids daily. the trophy to alley two. They related with the intensities of A small minority advise an in- announced the trophy would be

ASCIT Christmas Formal Saturday

Dinner-Dance Features Hal Lomen At Riviera Country Club

An innovation in ASCIT formals is being tried out this year with the annual Christmas formal, to be held December 3, at the Riviera Country Club. This year's guests will have the opportunity of enjoying a delicious dinner before dancing to the silvery tones of Hal Lomen and his orchestra. Dinner will be served from 7:30-8:00 p.m., and dancing will commence at 9:00. Dress is to be semi-formal; dark suit or tux will be in order for the affair.

Student Shop Tightens Rules

By Student Shop Committee

people who were at the last November 25. The price is \$2.50 application forms can then pay the chicken dinner. their dues and receive their keys from Dave Oakley in Ricketts. Once the shop is going, the guidance of George Sawyer, notices of general interest to are hard at work planning decmembers and prospective mem- orations. In keeping with the bers will be posted on the doors Yule spirit, the tables in the of the shop.

New Policies

stricter lines than in the past. Each member will be responsiof the discussion, "Should I Go ble in turn for a day's tour of To Graduate School, and How inspection of the shop and anyone not caring to assume this duty need not apply for membership. In addition to having an inspector responsible for the condition of the shop, each member when he leaves or enters the premises will assume responsibility for the shop's condi-

Individual Key

Each member will have his own individual key for which he is personally responsible and Biology Group he is personally responsible and it is hoped that this system will present unauthorized people Plots Jaunts from entering the shop. By following a set procedure, members will be allowed to check out tools for use on work away from the shop. If this procedure is not abused it should be of great convenience to the members.

Since this is positively the last ground of both industrial and chance the students will have to of biological interest. Among registering. Materials can be collegiate work from which to show if they can use and run those places suggested were the draw his material. He is at pres- a shop properly, the shop com- Rancho Santa Ana Botanical ent vice-president of Petroleum mittee is going to take no Gardens, Tech's Marine Lab at Technologists, Inc., of Montebel- chances with losing the privil- Corona del Mar (combined with lo, Calif.; and was formerly Pro- eges. Anyone not taking on his a cruise in the Institute's motor fessor of Petroleum Engineering share of the work, or leaving the at the University of Oklahoma. shop in a mess, or abusing the Gardens, the Los Angeles Counequipment will be ruthlessly

Fair Share

they must be willing to do their fair share of work.

At certain posted times there will be a member of the Committee in the shop to receive apevening, Dec. 1, at 7:00 p.m.

Get Recount

Astronomers are revising their notes today on the distance from the earth to a number of open star clusters following the publication of new computations made by Dr. Roscoe F. Sanford of Mt. Wilson and Palomar Obsome 5200 light years away, the average distance of these clusters, as concluded by Dr. Sanford, is actually only about 3900 light years.

Calcum Clouds

For deriving the new distances, clusters were awarded use of spectrum lines of the and Charles Bates secretarynew figures.

Choice of Dinners

Those wishing dinner will have a choice of roast beef or roast chicken, tastefully prepared by the Los Angeles Athletic Club. Reservations for din-After weeks of planning, re- ner are being taken by repreorganizing, and housecleaning, sentatives in each of the Stuthe student shop will reopen on dent Houses and Throop Club, Monday, Nov. 31. On that day, and must be in before Friday, meeting in Dabney and filled out for the roast beef, and \$2.75 for

Instituters Decorate

A group of Instituters, under dining room are to be decorated with red berries and green The shop will be run on far leaves. Candle light and soft music will add to the holiday atmosphere, while a large Christmas tree will be placed at one end of the dance floor, with Santa coming down the chimney at the other end. Sprigs of mistletoe will be hung throughout the room at strategic loca-

Bids, to be handed out at the door, will also contain mistletoe as a subsidy to those who need

Last Monday's meeting of the Biology Club brought out a sizeable number of biology fans who discussed the activities that might be followed during the coming year.

High on the list of suggested doings were field trips to points launch), the Huntington Library ty Museum and the La Brea tar pits, Joshua Tree National Monument, the Department of Agri-The Committee wants to point culture Experimental Station at out to prospective members that Riverside, and several other points which are further away.

Desert Field Trip

A committee was formed to investigate the feasibility of these trips and the possibilities of obplications for membership. The taining suitable guides from first of these will be Tuesday amongst the faculty. The plans for the big desert field trip during the spring vacation were tabled until a discussion has been held with the faculty members who will be in charge of it.

Plans for Meeting The question of what to do in

one-hour meetings of the club was settled by the decision to concentrate on meeting the men who are carrying out the reresearch program of the Biology Department. It was felt that such a program would lead to better student-faculty relations, servatories. Instead of being and a better understanding by students of the techniques and specialized knowledge necessary in biological investigations. Some discussion was also held on the possibility of holding some events of a purely social nature.

New Club Officers

The meeting closed with an

Meetings, which are to be held each, Dr. Sanford obtained the on alternate Mondays at 11:00 in 234 Kerckhoff, are open to all.

John Lewis has become quite a suave Master of Ceremonies on the Caltech Y Radio Roundtable Program. Two weeks ago. B. H. Golding of Chem. Engineering and Dr. S. J. Singer of Chemistry, in a really outstanding program, discussed Scientific Freedom and National Security. If you haven't heard the program yet, listen in on Wednesday evening to KXLA (1100 on your dial) at 8:15.

Seven per cent of the students at Caltech are foreign students. Four per cent of the undergrads and 13% of the grads, are the

Last week, my Math class in Crellin was almost asphyxiated by gas seeping up through the floor and out through the lecture desk. The terrific smog that day obscured the odor for a long time, but finally someone noticed it and opened the windows. Professor Dilworth said that he had complained about it to the chemists, and they told him, "You don't know just how lucky you are. We have to breathe that stuff ALL the time!"

my paragraphs last week. Here Effective Politically." is what I tried to say:

While the subject of athletics is being discussed, I think that it would be wise to re-think the marks on your nose? whole subject of P.E. credit. At the present time, the rules have glasses. error basis. Perhaps it would be your head back, it pours easier. incredulous honors to George nental air rebelled at the folk-

worth while to set down a few of the principles behind P.E., show the logical derivation of in on the whole story.

ing and misunderstanding that can be traced to the lack of knowledge about the reasons behind the rules.

a recognized minor sport (letters), and, when played off cam-

laughing over it. It is the story of Gilbreth, the man who originated time and motion studies, and how he raised a family of 12 by practicing his theories on

up for Asilomar already. If you don't know what it is, drop down to the Y office and get the chologist, will be giving the "Achieving Personal Maturity."

girls will be spending the week from Christmas until New standing. Year's having a very gay time up on the Monterey coast. There are seminars on everything from "Dating, Mating or key, with four skates and a wom-Debating," and "How to Handle The linotypist ruined one of Your Parents," to "How to Be

Gad!

Her: Say, what are those

Him: They were made by

CAMPUS BREWINS

normal tumult of Darbs' Alley 7 Frosh-Soph Dance only to hear a detonation reminiscent of Guy he escaped physical violence by Volleyball is not, at present, cleared sufficiently to support ity had set up blind dates for tion by the local Anti-Gin and respiration in the devastated Marion and Kubik for the Frosharea (Dave Lee's room), volun- Soph Community Sing, was repus, does not receive P.E. credit. teer squads were formed to go warded next day by the sight Let me recommend "Cheaper There was no sign of life—just note on the car reading, "Too by the Dozen," if you haven't small porcelain fragments on the bad we couldn't hide last night's read it already. I nearly died floor, a blasted window, and a flat tires as well as we did Cox (!), J. M. Ogilvie, Hal Lathick haze.

The result of a highly scientific interest in the chemistry of sodium, the experiment was considered a volcanic success; ing. John got the ring and a first time late Friday night that data is soon to be released by place for them to live, then Oxy had had a formal and Little J. Carter ("Sugar") Cain of the Twenty-two people have signed | Manhattan | Project. | Generally acting very strangely this weekend, Cain took part in other excesses, procuring and escorting full details. Malcolm Dana, psy- a female girl of the opposite sex to both the Dabney Skating main addresses on the theme, Party and Ricketts-Throop brew dance, thus marking Joe's first Four hundred fifty boys and departure from a solemn "NO irls will be spending the week WOMEN" pledge of two years'

> an attached to two of them! Markoff, D., was observed back on the wagon, keeping company instead with a Schmippsie he pursued at some, if fruitless, length last year.

> Challenging the Ricketts'

the smoke and fumes had Pitton, who in his great generosin and search for survivors, of his auto without tires and a terhouse, was well represented

> gather a violin quartet for the been showering an Oxy deb with sad story of soph John Wilken- attention, only to learn for the wrote wrote to his woman in Edward had apparently been Wyoming to come and get matri- left behind in the dust. (music) monized. This was six weeks is thinking in terms of a cer-Johnny came marching home

these!" Is this gratitude?

effort to let down their hair, jog-Similarly astounding was the gled through a very square appearance of the old skating dance Saturday along with a master, Malcolm Van Cleve Hic-key, with four skates and a wom-which Bill Freed and others were heard to pity the poor sardine. Grad students "Stub" Johnson, Karzas and Palmer returned to renew old ties (with a Blacker keg), and two of them were called in to bolster a sadlylacking Frosh-Junior Crew "Rowdy" title, the Phlegms Team, which, by a series of such soaked Throop Club with a stag devious moves, edged out a Sophbeen formulated on a trial and Her: You should learn to tilt last Thursday and handed over Senior Team. Carel Otte's conti-

lore of the American peasant and he sat on the sidelines with Notable for a number of high- Cook for a masterful record of date-in awe. Prexy Drury has the rules, and let the students ly successful brawls, the week- 30 feet! Haber had promised solemnly proclaimed that square end at Tech preceding Misgiv- the family car magnanimously dancing is now about to usurp There is a great deal of grip- ing Vacation was a fine one. The for use of his friends for the time-honored superiority of the "beer and passion" party so was shattered Sunday night by that pater had made other plans; long held at barns by Tech stalwarts. No doubt he finds the Fawkes' Gunpowder Plot. When locking himself in his room. Al latter highly immoral and worthy of immediate prohibition ac-

Sin League. Tsk.

The Oxy formal Friday night, a runner-up version of the Inby the suave tie and tails crowd, among them Bill Sampson, Bill zar, and more. Victim of the We have been requested to Digit was Matzner, who has

Mountain Hoax once more ago and no answer yet! Rather proved its ironclad strength by than sacrifice arrangements he refusing to collapse under the influence of four kegs of liquid tain fraulein he left behind to malt. Bob Cobb dispensed the pine in Germany when soldier brew and bar witticisms, matching one for one with customers. Vying with the bartender for Bluenose House, in a feverish greatest loss of equilibrium was Phil Halverson, who, not trust-

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holiday periods.

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Earl Hefner, Editor EDITORIAL STAFF

BUSINESS STAFF .Bill Bradley ...Chuck Walker ...Charlie Steese Circulation Manager..... Business Staff.....

ing himself, kept his date dancing with the stags. A large number of the latter arrived in the notorious Blue Pashmobile,

supporters had given up hope (Continued on Page 4)

& Fri. Nights

vaguely owned by T. Bowen. Al-

though many of its staunchest



HOUSE JACKETS

Corduroy and Flannel Mens' Distinctive Fashions

"Men's Distinctive Fashions"

WIN \$250.00 CASH!

Students interested in the Theatre, Drama, Music, Modeling, Television, Dancing, Painting, Sculptoring, Photography, Costume Designing, or other of the arts, can win a \$250.00 cash prize for writing the bes tletter of 250 words or less on the theme . . "I'd like to study (or continue my studies) in

drama, music, etc.

because. .

Award will be made by the Beaux Arts Ball Committee in conjunction with the First Hollywood New Year's Eve BEAUX ARTS BALL.

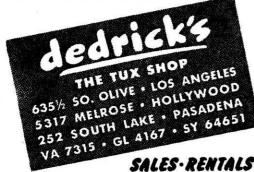
All Winners Will Be Announced at the Beaux Arts Ball, New Year's Eve, Sat. Nite, Dec. 31st at Shrine Convention Hall

> Your letter must be postmarked not later than midnight, December 15th. All letters become the property of the Beaux Arts Ball Committee.

BEAUX ARTS BALL COMMITTEE 1017 No. La Cienega Blvd., Los Angeles 46, Calif. Phone CRestview 1-7767



NEVER UNDERESTIMATE THE POWER OF A DEDRICK'S TUX



NOW IS THE TIME TO DROP IN AT

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TO RENT OR BUY A TUX FOR THE CHRISTMAS FORMAL

SPECIAL STUDENT RATES





A native of Grove, Oklahoma, Norman Hays graduated from Grove High School in 1935. The following year he entered Oklahoma A&M, where he majored in engineering; also took public speaking.



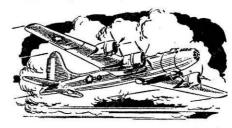
Active in national 4H Club work while in college, he helped organize its statewide activities, won a national 4H championship in Public Speaking. In 1940 he received his BS degree in engineering.



A month later he began navigator training as an Aviation Cadet. In 1941, he received his navigator's wings and a commission as Second Lieutenant . . . married his college sweetheart.



Sent to an RAF Navigation School in Canada, he graduated with the highest possible rating of Specialist. Norman served overseas for 18 months in the Aleutians, Italy and Saipan.



Accepting a regular commission after the war, he was assigned to development of navigation instruments; navigated the B-29 "Pacusan Dreamboat" on its famed Hawaii-Cairo non-stop flight in 1946.



Typical of college graduates who have found their place in the U.S. Air Force, Major Hays is Chief, Navigation Section, at Headquarters in Washington . . . with a secure career . . . a promising future.



If you are single, between the ages of 20 and 26½, with at least two years of college, consider a flying career as an officer in the U.S. Air Force. You may be able to meet the high physical and moral requirements and be selected for training. If you do not complete Aviation Cadet training, you may return to civilian life or have opportunity to train for an important officer assignment in non-flying fields.

Air Force officer procurement teams are visiting many colleges and universities to explain about these career opportunities. Watch for their arrival or get full details at your nearest Air Force Base, local recruiting station, or by writing to the Chief of Staff, U. S. Air Force, Attention: Aviation Cadet Branch, Washington 25, D. C.

U. S. AIR FORCE

THE BEST CAN BE AVIATION CADETS!

Hoopmen Drop First Tilt

The varsity basketball squad, in their first game of the season, was barely edged by a strong John Muir team, 57-54.

The lead was traded back and forth throughout the game and at halftime Muir had a 29-25 advantage. Coach Shy started the second half with a zone defense hopes for next year before divexperiment which resulted in a 46-36 lead for Muir. Upon reverting to man-to-man the Beader of Tech sportdom evidently is eyeing several more invers broke loose and scored 12 consecutive points, putting the ing for the holidays. tally at 48-46. With three minutes left in the game the Techmen had a 54-51 edge but in the last few moments of play the Muir center got hot with his hook shot, giving the game to the Altadena club, 57-54.

Patapoff Hot

Patapoff took scoring honors with 19 points. Although each may not be so far from actualiteam scored 22 field goals, our failure to make a good showing in free shots decided the contest. The line-ups:

Patapoff (19) O'Brian (10) Smale (6) Butler (12) C Hemmingway (10) Davidson (10) Cox (10) Hutchman (6) Scoring subs: Caltech—Montgome Muir—Sawyer (6), Morse (2), (1), Corcoran (4), Fastlaben (2). -Montgomery (6). rse (2), Warren

FOR THAT SPECIAL HAIRCUT BEFORE THE CHRISTMAS FORMAL Carl's Caltech Barbers

> On California St. Near Lake

SPEAKIN' SPORTS

with Mike

With only ten more shopping days until finals we see all breeds of athletes tending to close shop and paste an "Out to Snake" sign on their doors. Footballers closed their '49 season at Cal Poly last week and muttered something about high ing into hibernation. The remainder of Tech sportdom evidividual skirmishes before fold-

Post Season

With visions of a grid squad for next year, I hear that Coach Bert is staging a three-week practice for Juniors, Sophs and Frosh. Stressing actual game conditions by scheduling scrimmages every evening is perhaps one reason why such visions ties. No matter what the results,

(Continued on Page 4)

Attention!

Measurements for letterman sweaters and jackets will be made for football and water polo award winners Friday, December 2, at 11 o'clock in Fleming Lounge. Freshmen wishing to purchase Frosh letterman sweaters will be measured at the same time along with men desiring new stripes. Soccer and cross-country men will be measured at a later date.

Beaver

The Beavers finished a disa dozen yards out.

Carson, Woody Shine

around sweeps and Woody through the center of the line yardage. The passing attack rage of Bruin strikes. wasn't up to par and again fumbles and pass interceptions made in our own territory. Another marks for the match. time, the Engineers might have scored from Cal Poly's 7, but Richards intercepted a pass and ran it back to our 38. All these miscues resulted in Cal Poly

(Continued on Page 4)

"My

cigarette?

Camels.

of course!"

UCLA Edges Tech Bowlers Sunday

An underdog Caltech bowling Frosh sports as the basketball

Techmen took all individual it easy for the opposing team to honors, however, as Duane Nevscore. Twice we fumbled and erman's 203 game and Woody lost the ball on the kickoff deep Bratnober's 529 series were high

(Continued on Page 4)

Tankmen Drop Glendale 4-2

The Caltech tanksters have come up with another pair of victories since the last issue of this sheet-the Beavers edged out Muir, 4-3 on Nov. 18, and sank Glendale J.C. 4-2 last Tuesday. This brings the Engineers' season record to six wins against only one loss.

Barmore, Libbey Star

Tuesday the Beavers left lit-

men meet Oxy in a return engagement and are out to skin the Tiger in revenge for the drubbing they took in the first the only team to defeat Caltech this season.

PASADENA BOWLING COURTS 970 East Colorado

heartening season by going down team gave a U.C.L.A. squad plenin defeat at the hands of the Cal ty to worry about for two and Poly Broncos 37-12 while the in- one-half games before losing the spiration of only a handful of match by a 2494 to 2399 margin rooters might have been instru- at Westwood Sunday. The Bruins mental. Caltech scoring came at got off to an early lead of 60 pins the ends of two long drives down at the middle of the opening the field, one of 69 yards, the game but Tech fought back to other 80. Woody scored both win by 50. The second game was times, running the ball over from closely fought all the way with the Engineers finally coming out on the short end by a mere 3 Odell Carson on those end- pins. The final game found Tech down about 40 at the middle, then giving way with many made two-thirds of the Caltech splits and misses before a bar-

High Scores

tle doubt as to who had the Pace IH Race stronger team in subduing Glendale. The Caltech men looked their best yet, playing consisthrough with the Engineers' points, each scoring twice.

Oxy Next

Next Tuesday the Tech mer-

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

Tech Harriers Annex Two Meet Victories

Beavers Host to Conference Meet Next Saturday at Tournament Park

Frosh Sports Roundup by Perry Vartanian

Not much doin' this week in squad under Coach Preisler is working out at McKinley High to prepare for their coming schedule.

Wednesday night the cagers met Chapman Frosh but this on Saturday, Dec. 3, at Tournagame was too late for publica- ment Park. Keen competition tion. On the whole though the is expected, as the all-conference squad looks pretty good and has runners will meet to decide the a lot of potentialities. The next championship for this year. John scheduled game is this Saturday Barnes of Oxy seems to be the with PCC at PCC. Everyone is outstanding competitor, closely urged to walk the three blocks followed by Pilkington and Maand cheer the guys on. It should be a good game.

Cross Country

In cross country, the Frosh downed Redlands with Duane Marshall coming in first, Don Romine fourth, Hank Pollet fifth, Terry Thomas sixth, Dave Twining seventh, Francis Scott cup for the dual meet championninth, and Ed Stofel tenth. This ship. It deserves mention that completed the loop and the Beaverbabe harriers emerged in first place tied with Oxy with three wins and one tie.

compete in the All-Conference IH Keg Lead the home course the Frosh will meet. The meet will be scored both on a team and individual again the star of IH bowling basis and our guys should snag this week as he fired a terrific quite a few honors.

(Continued on Page 4)

Big Red Teams

a close with a three way tie for tently and with few mistakes. first between, Blacker, Dabney, Barmore and Libbey again came and Fleming, as the Big Red 471; Ralf Erickson (T), 467; Jim downed the Darbs by a 28-16 Allison (D), 181-464; and Duane count. The past week saw Black- Neverman (T), 457. er defeat Throop 42-32. Fleming won over Ricketts 43-24 to bring umn with seven this week, foldown the curtain on basketball. lowed by Blacker with six, and

Discobolus

Throop retained possession of the Discobolus by beating Flemencounter—the Bengels being ing two games straight in volleyball.

The interhouse trophy race is closer than a couple at a barn a big 577 mark.

The standings are:

Trophy Points House Dabney

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 Stoutly refusing to build any character, the Caltech cross country team wound up its dual meet season with a twin killing from L.A. State and Cal Poly at San Dimas. The meet, last to be run before the all conference meet next Saturday was, however, only a feather on the tail of Caltech's earlier win over Redlands the preceding Friday.

Conference Meet The conference meet, a four-

mile affair, will be held at 10 a.m. son of the Beavers. Also expected to be in there is Don Creacy of Redlands.

Individual medals will be awarded to the first five place winners, and the meet will also be scored by teams. Also to be awarded to Oxy will be the new Caltech retired the old cup with

(Continued on Page 4)

This Saturday at 10 a.m. on Rowdies Build

Sid Stone of Ricketts was 583 series, with games of 160, 210 and 213. This is a new league record, topping his own previous high of 559 which he set last week. Many other good scores were overshadowed by this big effort, including Woody Bratnober (T), a 211 game and Interhouse basketball came to 553 series; Fred Drury (B), 186 -507; Sergio Rodriguez (R), 184 -485; Clinton Lew (T), 183-

Ricketts again led the win col-Throop with five. Dabney took two games and Fleming bowlers were conspicuous by their absence. Ricketts Team Two shot high total of 1656 as best game went to Blacker Team Two for

Current standings:

| House Ricketts | | Won 44 | Lost 12 | Pct. .786 | Ave. 147 |
|-------------------|---|-----------|------------|--------------|-------------|
| Throop | *************************************** | 32 | 24 | .571 | 142 |
| Dabney | | 25 | 31 | .446 | 125 |
| Blacker | ************ | 23 | 33 | .411 | 129 |
| leming | | 16 | 40 | .286 | 129 |

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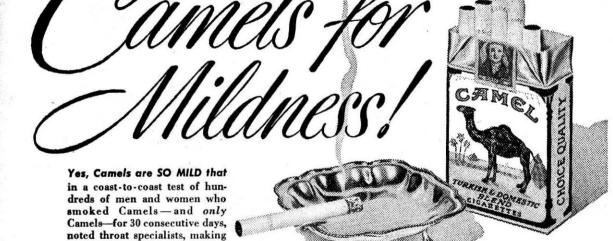
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weekly examinations, reported

SPEAKIN' SPORTS

(Continued from Page 3) we are proud of the invincible

fire of our coach. Looking Ahead

Even though our first basketball game isn't until January 7, we'll be forced to keep our practices going full steam to cope with some of the conference teams this year. Our contest with Redlands on the 7th will be one of our toughest. Most of us will remember Kreutzberg of last year's fame. It is rumored that the boy is improving and that his sophomore brother scored 19 points in their first non-conference scrimmage. But our answer is sophomore Patapoff-19 points against Muir.

UCLA EDGES TECH

(Continued from Page 3) Official scores:

| Official scores. |
|--|
| U.C.L.A. |
| Leo Habel 177-170-167—514 Bill Summers 164-156-201—521 Jack Bratton 180-162-155—497 Merle Swanson 132-177-202—511 Bill Seugling 161-147-143—451 TOTAL 814-812-868—2494 |
| Andy Check |

UNDERDOG POLY

(Continued from Page 3) touchdowns.

Benny Vance was our particular nemesis, knifing through both the line and secondary for long gains. He was used sparingly, but to excellent advantage. It is a mystery how a man only five-foot four can be so

Good-Byes

This was the last time on the field for Blom, Baker, Carson, Dayman, Schofield, Schroeder, Marks, and Tyson. We extend best of luck to them all. With work on our line and the experience gained by our blossoming sophomore backfield, the scoreboard will look different next year.

| Caltech | ds rushingses attempted | Cal Poly |
|-------------------|--|----------|
| 275Yar | ds rushing | 398 |
| 18Pass | ses attempted ses completed ds passing nbles | 9 |
| 6Pass | ses completed | 2 |
| 65Yar | ds passing | 45 |
| 3Fur | nbles | |
| 3Lost | t ball | 11 |
| 17Firs 322Tota | t downs | 15 |
| 322Tota | al vardage | 402 |

FROSH SPORTS ROUNDUP

(Continued from Page 3)

Football

Football practice is still being held for those interested. It is all scrimmage and no fundamentals so ex-squad members enjoy ing a good game of football are urged to turn out.

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CAMPUS BREWINS

(Continued from Page 2)

of its ever running again, it rose their third championship last to the emergency, revived two year. of its ancient cylinders and navigated to and from despite the destructive occupancy of Clark, Holmes, Sereno, Bass, Shakespeare, Rodriguez and Bowen.

Jim Wilcox, despite his tenton leg, was also present with date. Those casts must do something for the old sex appeal; Jim was seen absorbed in his work in the Athenaeum parking lot with the same girl Sunday afternoon. Joe Fischer was at the brawl with an old friend whom he hadn't realized was so goodlooking until he saw her in a pair of tights at some school play. Stan Eilenburg complained bitterly about the lack of COKES . . . Tsk squared.

Gad!

The guy who coined that phrase "clean as a whistle" never heard the boys down by the corner drug store on a sunny summer afternoon.

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TECH HARRIERS ANNEX

(Continued from Page 3)

Redlands Triumph

The Redlands meet didn't develop the competition expected, Caltech winning easily with a

tech, while Creacy took third to scored, but the varsity won the place first for the Bulldogs. Cobb three way meet easily with the in fifth, Houser in sixth, and Sel- final score Caltech 19, L.A. State len in eighth finished out the 56, and Cal Poly 61. scoring for Caltech.

Poly, L.A. State

score of 22-37. Mason won out tech entered two teams against the 3½ mile distance in 19:44. Cal Poly and L.A. State. One of Winning time—17:07.1.

Pilkington took second for Cal-them being frosh, was not

Places were: 1-Mason, CT; 2-Pilkington, CT; 3-Lucas, CP; 4-Cobb, CT; 5-In the meet last Tuesday, Cal. Houser, CT; 6—Stafford, LAS; 7—Bower-

Found!

A pencil-lighter was found last week in the campus Coffee Shop, and has been turned over to the YMCA Lost and

