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CALIFORNIA TECH

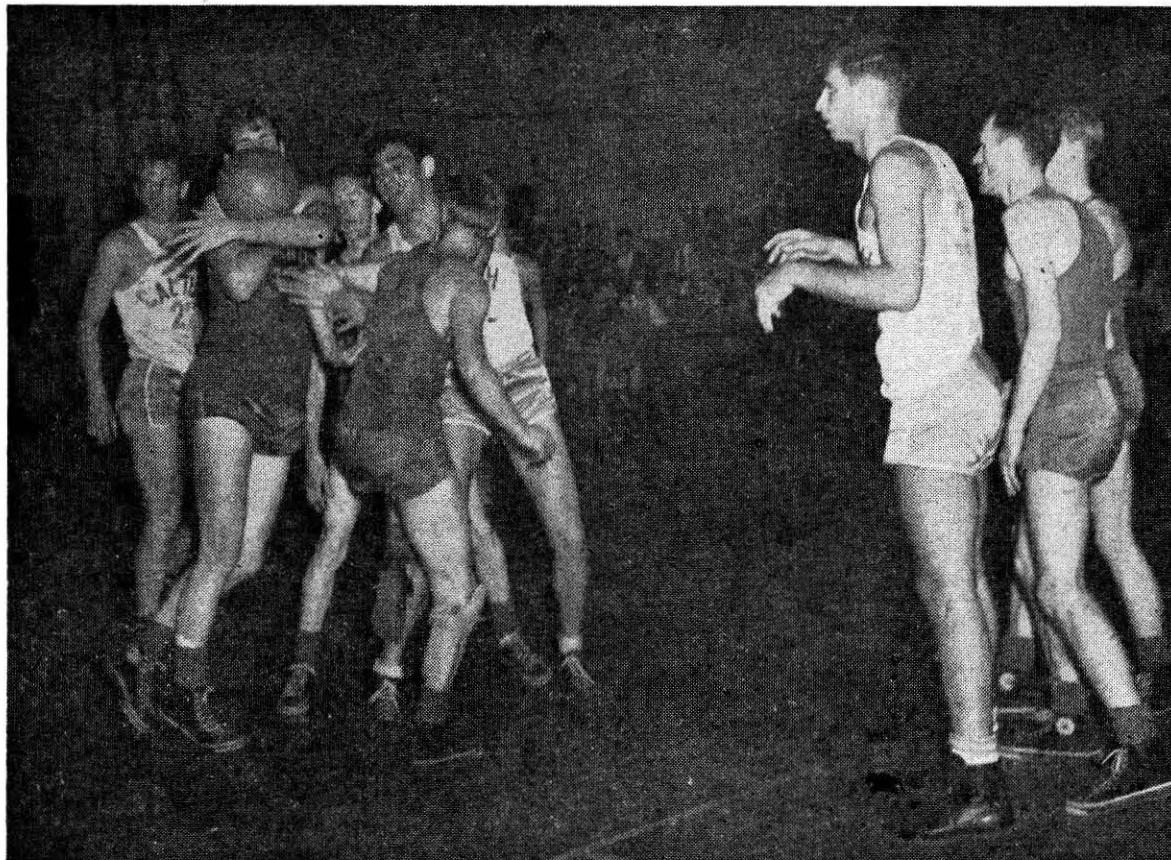
California Institute of Technology
Thursday, January 22, 1948

SORBS
ARISE!

Volume XLIX

No. 13

BEAVER BITES BULLDOG



"GOON" GASPS—A new twist to the "man bites dog" routine was furnished last Friday by the Caltech Beaver, which gnawed the Redlands Bulldog, 50-36, in basketball. Tech players included in the above "classic ballet" tableau are center Paul Saltman (making like "the Goon"), "Tex" Bass, who is busy with three Bulldogs and one ball, and Ted Bowen (27), who has found something of interest in the crowd. Note extra foot in group. Story on page 3.

Y Forum Schedules Lectures On Music and Arts, Marriage

Martin Hall Gives Discussion of Europe, Hints That Democracy May Not Be Answer

The Culture Vultures will come out again Monday evening for Arnold des Plantes' "Enjoyment of Music Through Art" in Dabney Hall Lounge at 7:30 o'clock January 26.

The Caltech "Y" presents the second Forum of the Winter Term in unusual surroundings; for this is expected to be the most unusual Forum of the year. Mr. des Plantes, a native of Holland, has labored fourteen years on paintings depicting the music of Bach, Beethoven, Tschaikowsky and the contemporaries. The canvases will be set up in the Dabney Lounge, and while Mr. des Plantes discusses his interpretations, the Masters' music will be played.

Flu Shots Available At New Health Center

In recognition of the prevalent epidemic of respiratory infections, the Health Clinic announces that influenza shots are now available.

The Health Center has now been moved to its new quarters at the east end of the campus into building T-4. This building is located just northwest of the Athenaeum.

The hours of the clinic are: 9:30 a.m. to 11:30 a.m. and 2:00 p.m. to 5:00 p.m. daily Monday through Friday and 11:00 a.m. to 12:00 noon on Saturdays. The clinic is not open on Sundays and holidays at present.

The influenza vaccine is offered to those students and also to other personnel who desire to have this protection. The cost of the vaccine is 75 cents for the two doses required.

Campus Calendar

THURSDAY, JANUARY 22—Upper Class Luncheon Club at the training table, 12:00. Glee Club Rehearsal in Throop Club, 8:30 p.m. Throop Club Meeting, 12:20.

FRIDAY, JANUARY 23—Student Assembly, 11 a.m. Fleming Frosh Dance. Dabney, Muir Exchange. Blacker, Local Exchange.

SATURDAY, JANUARY 24—Basketball Game, Caltech vs. Chapman, here. After-game Open House at Throop Club. Dabney, P.C.C. Exchange.

SUNDAY, JANUARY 25—Musical in Dabney Lounge, 7:30 p.m.

MONDAY, JANUARY 26—Y Forum Meeting, Mr. Arnold des Plantes, Dabney Lounge, 7:30 p.m.

TUESDAY, JANUARY 27—Newman Club, Dabney Lounge; all Catholic students invited, 4:15 p.m. Christian Science Organization Meeting, 7:30 p.m. Band Rehearsal, Culbertson Hall, 7:30 p.m.

WEDNESDAY, JANUARY 28—Frosh Luncheon Club at the Training Table, 12:00. Orchestra Practice, Culbertson Hall, 7:30 p.m.

Y Cabinet Meeting, Y Lounge, 7:15 p.m.

THURSDAY, JANUARY 29—Upper Class Luncheon Club at the Training Table, 12:00. Glee Club Rehearsal in Throop Club, 8:30 p.m. Throop Club Meeting, 12:20.

CHAPMAN NEXT!

The Caltech hoop squad, leading the SCIC by a full game, plays host to the Chapman College quintet Saturday night at the Armory.

The Engineers will be out for revenge for an early season 34-37 loss to Chapman, and will be favored to get it.

Assembly Schedule For Term Outlined; McCune Postponed

The assembly scheduled for Friday with Hank McCune has been postponed. In its place Hank McCune will bring his troupe and orchestra for Tech on March 12. He will present his broadcast and afterwards play for a dance. Accompanying him will be one of Hollywood's more famous stars.

Tech Band, Faculty Work

A brief summary of the remainder of the assembly schedule for this term follows:

The Friday assembly for Jan. 30 will feature the Caltech Band, which will present a series of numbers.

The faculty will present a program in Culbertson Hall, Feb. 6.

Independence

All good Sorbs are reminded that the conference of great importance to the cause of Sorbian independence will take place on Friday, Feb. 13.

Nominees

The Friday assembly following the Sorbian rally will be devoted to introducing the nominees for ASCIT offices. Presidential candidates will make short speeches, outlining their platforms.

Joy to Frosh, Sophs: Comprehensives Out

At a recent faculty meeting it was decided to discontinue the comprehensive examinations usually given at the end of a student's sophomore if he is on the "line" between passing and failing.

According to Dr. Neher, the comprehensives will be discontinued permanently unless the faculty sees that the tests should be reinstated.

Until this year, comprehensives have been given in Physics, Mathematics, Chemistry and the Humanities.

The above information is published in answer to numerous requests that the confusion prevalent in regard to comprehensives be clarified in the "Tech."

First 200" Observations Made

ASME, SAE Hear Oil Drilling Talk

At a joint meeting of the SAE and the ASME during Monday's Assembly hour, Mr. Hallen N. Marsh, Chief Production Engineer of General Petroleum Corporation, gave a comprehensive picture of the kind of work that is carried on in the oil fields.

Included in the talk was a summary of the openings in field work for students of many options.

Importance of Mud

Mr. Marsh used Kodachrome slides to assist in describing the various types of modern equipment and extraction techniques. He emphasized the importance of mud, a substance to which we don't generally attach any usefulness, in walling oil shafts, pushing concrete lining into place, removing cuttings, and other essential purposes. As a matter of fact, the mud used usually has to be purchased and transported to the well to insure certain desired properties which the local mud might not have.

Other points of interest upon which the speaker touched were: the record oil well depth of over 18,000 feet, presently held by a well in Texas, but which might be passed by one in California within the week; the use of folding derricks and inclined drilling (now legal); and the fact that the alarm voiced by some who say that our present oil reserves are sufficient for only ten years is unwarranted. The real criterion, said he, is the rate at which new oil reserves are discovered, and the reserves continue to be discovered at about the same rate that known supplies are exhausted.

Millikan, Bates Set For Sunday Firesides

Prof. and Mrs. Stuart Bates are having their first social and Dr. and Mrs. Millikan are taking another flier at a Sunday Firesides gang this next Sunday, January 25.

In spite of the California Tech's reporting of Dr. DuBridge's affair last week, the response this week has been very encouraging. Three off-campus men signed up for the first time, and are welcomed as the first of many.

Taking note of the criticism last week, the Firesides chairman is making an effort to sign up an equal number from each house. There are still a few vacancies left, so sign up on the bulletin boards in Throop Club and the four houses for both affairs.

Frosh Officers Elected; Fred Wood President

Freshman officers for the second and third terms were elected at the Freshman class meeting last Monday. New officers are president, Fred Wood, Dabney House; vice-president, Harry Beggs, off-campus; secretary-treasurer, Ollie Gardner, Rickerts House; athletic manager, Noel Reed, off-campus.

Oops!

Readers of last week's Tech may have been justifiably mystified by the caption under the Fireside photo on Page One.

Since Carl Price was the only student identified correctly, some readers have suggested that he was the author. This is not the

(Continued on Page 4)

Seniors

Seniors desiring copies of their Big T pictures for use in employment applications may obtain same from Lloyd's Studio. The price is 3 for \$1.00.

Anderson First To Use New Mirror; Uses Magnifying Glass as Eyepiece

Test "Peeks" Made To Check Instrument, Obtain Data For Final Adjustments

First test observations preliminary to the work of making adjustments on the 200-inch telescope have been made at the Palomar Mountain Observatory, Dr. Max Mason, chairman of the Observatory Council, said today.

"These were only test observations, both visual and photographic, and the first of a long series that will have to be made as completion of the telescope progresses," Dr. Mason said. "In reality we were not observing at all but using stars as a source of light by which to further test the 200-inch mirror. We deliberately avoided taking pictures of objects of any particular interest. These test photographs were taken with the telescope at vertical position, at 60 degrees and at 30 degrees both north and south."

Anderson First

Dr. John A. Anderson, Caltech scientist who figured the 200-inch mirror and supervised its grinding and polishing, was the first Palomar observer, Dr. Mason said. Using a small reading glass for an eye piece to peer at the image formed by the big mirror, he became the first person to actually observe with the telescope. Others who followed him included Dr. Ira S. Bowen, who will direct both Mr. Wilson and Palomar Observatories when the latter is completed; Dr. Edwin Hubble and Dr. Milton L. Humason of the Mt. Wilson staff; Dr. Russell W. Porter, who designed the observatory building and assisted in design of the entire telescope; Marcus H. Brown, who had charge of the Caltech optical shop during the 11-year grinding and polishing operation; Bruce Rule, project engineer; Byron Hill, construction engineer at the observatory, and Professor J. G. Oort, visiting astronomer from Leiden, Netherlands.

"We are very pleased to be able to get our first test photographs so soon," Dr. Mason said, adding that it was nearly a year after the 100-inch mirror was taken to Mr. Wilson before the first test pictures were obtained.

Locate Axis

These first test observations were made in order to locate where the axis of the telescope cuts the photographic plate and to check the entire instrument under actual operating conditions. A great deal of additional completion work and adjusting remains to be done, Dr. Mason said, and other test observations will be made as this progresses. Because of the great amount of completion and adjustment work yet to be done, the telescope will not be ready to begin an actual research program until summer, he said.

Results of research done by the 200-inch telescope will be published in recognized astronomical journals and news stories will be released simultaneously with such publications.

Interview Schedule

JANUARY 26—MINNESOTA MINING & MANUFACTURING CO., St. Paul, Minn.: Open Interview—Both Senior and Graduate students in Chemistry, Chemical Engineering and Physics.

JANUARY 27 and 28—THE PROCTER & GAMBLE MANUFACTURING CO., Long Beach, Calif.: Mr. Mills S. Hodge and Mr. Watt. Open Interview for upper half of class scholastically, personality, extra curricular activities. Senior and Graduate Students in Mechanical Engineering, Chemical Engineering, Applied Chemistry, Electrical Engineering, Civil Engineering, Chemistry, Physics.

February 4—NORTH AMERICAN AVIATION, INC.; Mr. Phillips, Mr. Nance: Open Interview.

MS, Prof., PhD's in top third of class interested in Aerodynamics and Stress Analysis.

All MS's and PhD's in Physics, Mathematics, Electronics interested in the field of Aero-physics.

MS's and PhD's in Chemistry interested in Physical Research, Propellants and Fuels Design.

BS's in Chemistry in top third of class interested in Physical Research.

February 10—ETHYL CORP. RESEARCH LABORATORIES, Detroit, Michigan. Mr. Faller: Senior and Graduate students in Chemical and Mechanical Engineering in upper 20 per cent of class scholastically and who are interested in internal combustion engines and fuels.

MS, Prof., PhD's in top third of class interested in Internal Combustion Engines.

MS, Prof., PhD's in Chemistry and Chemical Engineering.

All men must be interested in employment in the East in Research and Development.

Open Interview.

March 9—WESTERN UNION TELEGRAPH CO., San Francisco, Calif.: Mr. Sikora: Senior and Graduate Students who have majored, or are especially interested and qualified for Communications and Electronics.

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

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Shavings from the Board.

By Der Wolflein

In the noble absence of das Muehli (he went to collect rocks: schist) I have been asked ever so kindly to write this column. That means that he weighs more than I do.

All men who have earned or who think that they have earned 50 or more honor points should hand in an application blank to any member of Das Board by next Thursday eve. Said application blank should contain your name, your class, and all the extra curricular jobs which you have held including the date and length of same.

"The Skull" has issued a pamphlet which contains all the latest poop on the Honor Key. It may be found on Page 83 (of the little "T.")

He and his associates made a lot of money on this pocket-size edition of the annual, so it ought to be good for something.

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CAMPUS BREWINS

I do not want the readers of this column to get the erroneous impression that the resolutions I made last week are going to be broken. I am just as sweet and pure as ever, if not more so. But some rather dastardly deeds have occurred and I am honor bound to bring these evil doings to the light. (Assuming, of course, that the censor passes them.) If you do not like to read such disgusting things, do not allow them to happen. Hallelujah!

Two Rogues

Two knaves, known generally as Bob Levy and Ken Gardiner, are worthy of mention here. Their activities to date have been so revolting and in such poor taste that we have either hesitated to relate the incidents or else they have been censored by the next higher echelon. They complain that their names have not appeared here, but even I have some standards of decency.

Operator

Bob Smoot as usual has been mistreating women at a frightening rate. This summer he

stayed at the hotel of the father of the seventh girl he has been engaged to. He drove back to Washington, D.C., with her and her family and, while there, who should he stumble into but the sixth girl he'd been engaged to!

Using various ingenious pretexts, he would bring number seven in early each evening and madly rush over to see number six. He finally returned to school still engaged to both of them. However, this low fellow has expressed little genuine interest in either of these two charming but innocent girls. But retribution, that old rusty ramrod, has reared itself and made a partial attempt to resist his evil activities. Recently word has seeped back that one girl has thrown him over for her number two.

Rugged Athlete

Last Saturday a group of students including Morrison, Lang, Prevost and Youtz were frolicking at the beach and chasing screaming girls up and down the sand. Youtz plunged madly into the water thrashing around like

a wounded seal.

Local tourists were so astounded at this midwinter activity that they began snapping pictures. There is still some question as to whether they were impressed by his swimming or by the sight of his posterior.

Social

A recent Dabney dance was preceded by an ice-skating party at a local rink. Almost everyone, including Fullerton, was well behaved, although Waters and Ottestad insisted on showing off. They almost froze when they went through the thin ice.

Blacker

Blacker had a theater party this last weekend also. It was rather routine, although everyone is still trying to find out who this girl was that Tom Lang brought. She couldn't speak any English.

Throop

Throop's Bowling Party and Record Dance got off to a Throop-style start when Al Van Hise, a confused and eager frosh, (Continued on Page 4)

Frosh Sports Roundup

—By Earl Hefner

will end with the all-conference Frosh meet April 30 at Tournament Park.

Inter-House Meet

On Feb. 21 the inter-house track meet will be held with everyone eligible except those who earned track letters last spring. The inter-class meet comes up with the following week and everyone is eligible in this one. Hal Musselman expresses the desire that the Frosh will really put forth in the inter-class meet and come up with a well-balanced team... so there's something we Frosh could be doing between now and the 21st.

MacDonald Frosh Coach

The Frosh baseball picture was cleared up last week with the announcement of Norman MacDonald as Frosh coach. MacDonald is a graduate student here and is a three-year letterman in baseball. Practice begins March 1, but the schedule has not yet been completed, since not all the teams in the conference plan definitely to field (Continued on Page 4)

THE SQUARES' CIRCLE

Rotsieg, Lusatia,
17 Gennaio, 1948.

Das California Technik
Herr Redakteur,

Our Lusatian capitol was last Freitag appealed; for a letter from that Demmed-reaktionaries, Stanislaw Czuk, who an Enemy of the People is appeared in our calendar, the "Lusatian Calendar".

Even since our heroic friends, the Russki, the Fascist Gangsters liquidated traitor Czuk and the Monopoly Capitalists of Upper Lusatia have the overthrow of the Lusatian Democratic Peoples Republik sought. They are Demmed-reaktionaries!

Ever since Otto I treacherously assaulted the Lusatian Wends in 1257, the Sorbian minority of Upper Lusatia have exploited the Wendian Working Class. Our heroic friends, the Russki, are now liberating the Working Class like they liquidated the Nazi Hoddums.

Ex-Minister of Public Morals, Wadslaw Rumplemeier is a Dartyrat. He did not graduate from Caltechnik as claimed, but from the Sophomorik Class geflunked, and finished at Oxidental. In appealing to the UN for Lusatian Independence, (which we don't want, because we like our heroic friends, the Russki, who are liberating the Peasants and the Working Class from sorbian exploitation) Rumplemeier is a Demmedfascist-reaktionary, and soon to be liquidated.

We want to be friends with everyone, except the Monopoly Capitalists, and especially our heroic friends, the Russki.

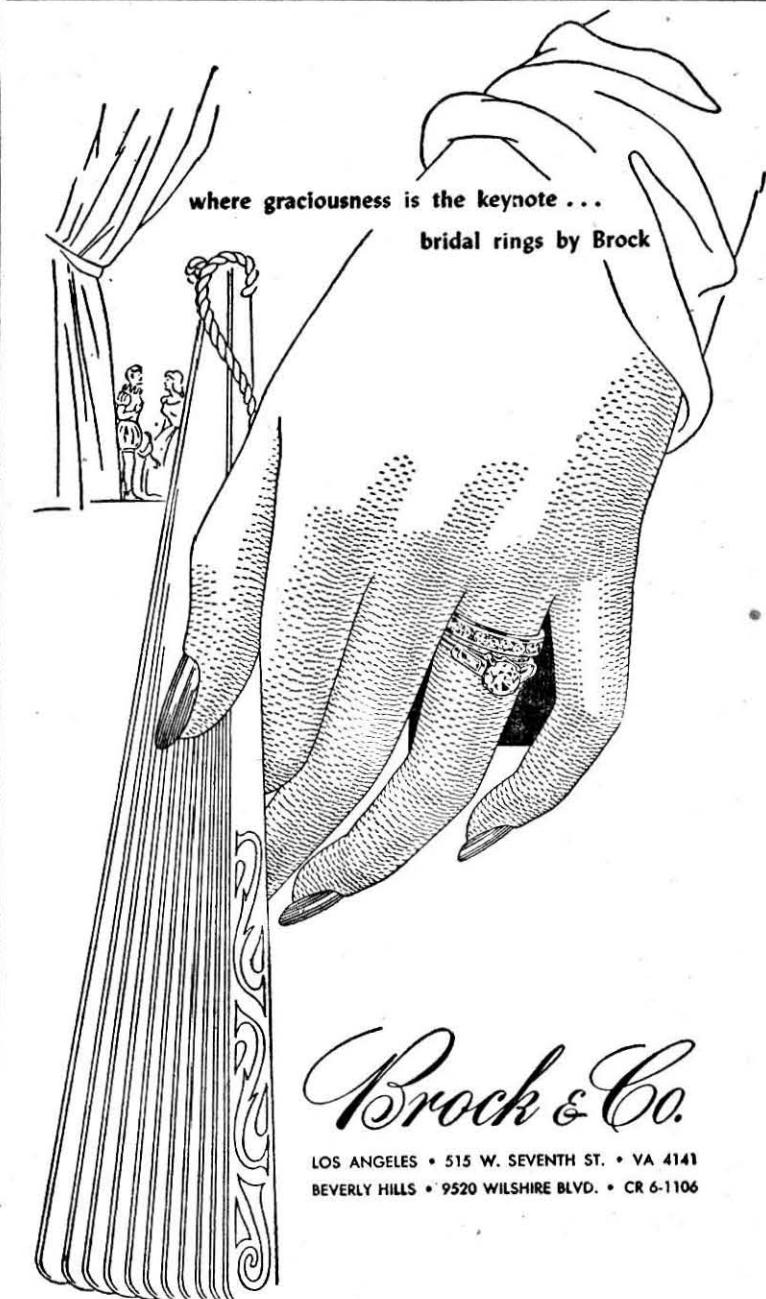
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BEVOS WIN, LEAD CONFERENCE

Bullpups Crushed by Beaver Frosh

Caltech's "off again, on again" Frosh basketball club surprised their home fans and themselves by taking a 51-47 verdict from Redlands' Bullpups last Friday night. Led by Captain Thorne Butler, hot Frosh center, who dunked 25 points through the hoop, the J.V. Engineers were ahead of the Red and Grey the entire game.

Beavers Keep Lead

The Frosh got off to a fast start after Butler and Forward Bud Freise made a pair of free-throws while the Bullpups were making one. Butler swished three field goals from the key and Al Sereno made another as Red-

lands' center Murray Roche made good a gift shot to find the score 10-2. Ray Greutert's long shot from guard position aided the Frosh score but layins by Roche and Hamner and a free throw by the Pup center brought the Redlands quintet within three points of the Frosh.

Bullpups Try to Even Score

It was Butler again under the basket and a pair of key shots from Freise to give the Beavbabes a short-lived six-point margin midway through the first half. Four free throws and a pair of short buckets from Redlands separated the two teams by a single point at 18-17. Dick Libbey was responsible for maintaining the narrow Frosh lead with a nice side shot. Freise and Butler traded baskets with Roche to bring the score to 27-23. The rest of the half saw Butler tip two more in as Hamner and Stevens together accounted for three points to wind up the initial half, 31-27, in which Butler scored 18 digits for the Frosh.

Roll Up Second-Half Lead

The junior Techmen ran up their largest lead of the fray shortly after starting the final half with two more key shots

Second Place in League

The win gives the Techbabes a win and a defeat in conference play and puts them into second place behind Oxy. Saturday night the Frosh meet Chapman in a return non-league encounter at the Armory. In a previous meeting the Frosh dropped the Chapman crew 46-30, and will be

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Pathmen Practice As Season Starts

Reds Defend Discobolus For Third Time

Feming again proved its superiority in athletics last Thursday by defeating a hopeful Ricketts quintet to the tune of 27-20. Ricketts challenged the Big Red in an attempt to capture the Discobolus which has been in Fleming's possession since the first few weeks of the school year.

By defeating Ricketts, Fleming equaled the record (already held by Fleming) of three successful defenses of the Discobolus.

Representing the Fleming cause in the 27-20 victory were Don Baker, George Bowen, Bill Cootes, Bob Funk, Bill Gothard and Bernie Shore.

Boicourt, Dalton, Levy, Malone, Pilling, and Winchester made up the Rowdies' squad.

Fleming Handicapped

Working under a handicap because of the ineligibility of seven first-string varsity men, the Fleming squad found themselves tied 14-14 at the half. However, fine team play and a good defense enabled the Big Red to pull ahead and win their third consecutive tussle for the gilded Greek.

FLEMING, 27	RICKETTS, 20
Gothard 11	Winchester 1
Holditch 5	Malone 4
Shore 2	Dalton 6
Baker 2	Pilling 5
Cootes 6	Boicourt 2

Scoring subs: Fleming—Funk 1; Ricketts—Levy 2.
Halftime score: 14-14.

favored to repeat. Games time is 7:00.

Scoring:
Redlands (47)
Caltech (51)
Conly (12)
Hamner (11)
Roche (13)
Casey (1)
Stevens (4)
Half-time score: Caltech, 31; Redlands, 27.

Scoring subs: REDLANDS—Stevens, 6.
CALTECH—Kamei, 2; Libbey, 2; Fee, 1.

During the recent vacation the ASCIT acquired another dozen barrels of liniment which is now being put to extravagant and wasteful use by enfeebled members of the track team of '48. As Bullet Bob Funk emerged dripping from his special liniment bath and E. J. Brown came rushing up for another glass of the stuff, Herbie Simons was heard complaining bitterly that his last rubdown took only half an hour.

Signs such as these indicate that spring is here, that track practice has begun, and Doc is in his glory once more.

Nine Returning Lettermen

With nine lettermen back from last year's squad, and a number of other experienced varsity men, Coach Doc Hanes has a fine nucleus upon which to build a winning aggregation. Last year's lettermen include Stan Barnes, Doug Brown, Erle Brown, Elroy Chinn, Bob Funk, Don Peterson, Dwight Schroeder, Herbie Simons and Martin Walt.

Manager Bud Carroll has assumed the duties of chief rubbing compound dispenser and ticket puncher.

Early Prognostications

At this early stage of the season the dope bucket is in unstable equilibrium, but at present it looks as if the team may be quite strong in all running events. The greatest weakness lies in lack of depth in the field events and the hurdles, which for the most part have each but one prospective performer.

Requirs for all events will be happily received, so regardless of experience, if you have any track or field aspirations, report to Doc without fail!

Season Starts in Month

The first meet of the season will be the Interhouse Meet on February 21, followed a week later by the Interclass Meet. The team then faces a season of seven meets, starting March 6 with the Conference Relays at

(Continued on Page 4)

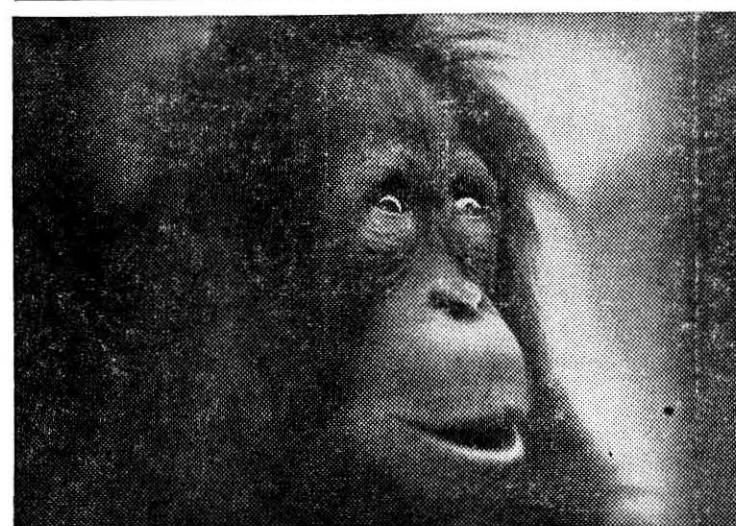
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BEST NAZARENES 56-44, PUPS 50-36; POETS LOSE

By successfully throttling the usually effective Redlands fast-break and pounding the Bulldogs into submission to the tune of 50 to 36 while Oxy was handing the Poets from Whittier their first league loss in twelve games, the up-and-coming Caltech Beavers last Friday night surged into undisputed possession of first place in the torrid Southern California Conference race.

The victory gives the Engineers a league record of two wins in as many starts while Oxy (3-1) and Whittier (2-1) are in hot pursuit. The dark horse which handed Oxy its lone defeat two weeks ago is now more of a tattle-tale gray and getting lighter all the time.

Though Coach Shy's cagers turned in a better job of shooting and passing in their first league contest against Oxy and did leave something to be desired in the free-throwing department last Friday night, they did, nevertheless, play a brilliant defensive game against Redlands, and had the game under control during the entire second half. The Bulldogs' fast-break never got a chance to great started—so tight was the Beaver defense that no Redlands player was able to score more than seven points—and as a team they collected but 13 field goals during the entire evening.

No Bubbles

Handy Paul Saltman managed to keep the bubbles out of his contact lenses long enough to pour 15 points through the hoop to again lead the league leaders in scoring, while Ted Bowen, playing his best ball game of the season, tossed in 13. Big Tex Bass appeared to have shaken Andy's single-wing strategems out of his system and is now ready for basketball which means that Coach Shy will have a topnotch replacement at either forward or center. And the little fellow's aggressiveness under either basket will come in handy as the pennant race tightens.

Lead Changed

The first half of Friday night's battle was as thrilling as anyone could ask with the lead changing hands four times and the score tied six times. Saltman started the Beavers on their way, scoring six of their first eight points, but baskets by Bell and Raine gave the visitors a 10-to-8 edge. The score was tied at 11, 13 and 15 points apiece before Bowen tipped in a rebound to put the Engineers ahead, 17-15.

The second half started out as if it were going to be just as detrimental to fingernails as was the first half when the stubborn Bulldogs scored a quick basket to narrow the Tech margin to 24 to 22, but Saltman, Bowen and Bass combined to score nine straight points, and from then on the issue was never in doubt. Midway in the last half the Beavers led, 40 to 25, and they lost but one point of their margin in the final ten minutes, coasting to

(Continued on Page 4)

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CAMPUS BREWINS

(Continued from Page 2)

waltzed twelve feet down the alley, snuggling up to the ball before he realized that (a) one properly dances only with the opposite sex, and (b) one bowls at a bowling party. We attribute his strange behavior to the fact that this is the first Throop function he has attended. It is hoped that he will have learned how to write his name by the next activity, so that it can appear in the register along with those of the others.

Odds and Ends

I understand Capt. Auerbach (he's been promoted from Lieutenant) has been pining away recently due to the change in address of a certain person. (The censor does not permit the mentioning of her name unless it's flattery.)

I met the Goon's gal (he writes some sort of a column for this rag) at the basketball game the other night. How a queen like that will fall for him when she could have her pick of the UCLA campus is beyond me. Her name is Barbara Golden, and if you think you can beat his time, I guarantee you can't do better.

And talking about doing better. The tele-rules letter put out by Dabney is tops for the year. As I remember, they always had the rep. of being pretty rank (and now a Captain, too), so I guess they're tops. Not that I object to paying a dime if I have to, but I do resent being called a you-know-what, especially behind my back, even though my birth certificate distinctly states "legitimate."

FROSH SPORTS ROUNDUP

(Continued from Page 2)

Frosh nines.

Tennis Team Working Out

Coach Lamb's tennis teams (varsity and Frosh) are already working out daily and some practice matches are scheduled for this term. The league matches will be held next term although it is not certain as to which schools will participate in the conference. The Frosh will

OOPS!

(Continued from Page 1)

case, however. Rather than point the finger where it might hurt most, we shall confine our comments to correction:

The caption should have read "right to left," not the reverse. Since By Karzas' splendid torsorial appendage is not visible, the Karzas in the picture must be Bill. Carl Price, as noted, was Carl Price. Charles Shaw edited the "Big T" last year, but certain volumetric differences preclude making this sufficient excuse for identifying this year's editor, Tom Tracy, as Shaw. We are further informed that the evening ended,

as is the custom of all Firesides, somewhat before the Hawthorne-Mittenthal "program" began, and thus this "program" was not heard at the DuBridge's.

On the credit side, however, the Fireside was at Dr. DuBridge's house, and although we are told the picture was stiffly posed, the evening was enjoyably informal. For those who might be interested, Bill Muehlberger is sitting on Tracy's left.

BEVOS WIN

(Continued from Page 3)

a 50-to-36 verdict.

Beat Nazarenes

Last Tuesday in a practice game the Beavers avenged an early season defeat by pounding Pasadena Nazarene into submission, 56 to 44, with Saltman scoring 18 points and Bowen 14. The Engineers were well in the lead at halftime, 31 to 19.

Caltech (50) F. Rosenberger (7)
Furth (2) C. Leonard (4)
Bowen (13) C. Kreutzberg (4)
Saltman (15) G. Raine (2)
Stokely (4) G. Bell (6)
Montgomery (5) G.
Half-time: Caltech 24; Redlands 20.
Scoring subs: CALTECH—Bass, 7; Cox,
4. REDLANDS — Parker, 4; Corwin, 5;
Malm, 1.

Caltech (56) F. Cartwright (7)
Bowen (14) F. Jandyean (9)
Bass (11) C. Davis (10)
Saltman (18) G. Beck (2)
Cox (1) G. Pfeiffer (6)
Montgomery (2) G.
Half-time: Caltech, 31; Pasadena, 19.
Scoring subs: CALTECH—Tyson, 3;
Stokely, 4. PASADENA—Young, 4; Ken-
nedy, 4; Laffer, 2.

Redlands (36) F.
Gordon, Elton, Chinn, Fernando Cor-
bato, Dick Corwin, Art Corwin, Ray Davis,
Bob Funk, Joe Green, Raday Hegeland, Jan-
vin Heiman, Wayne Herzog, John Kariotis,
Dave Warren, Jack Marshall, Don Peter-
son, Roger Picciotto, Bob Pilling, Dwight
Schroeder, Mike Sellen, Herb Simons, Dick
Spellman and Martin Walt.

PASADENA (44) F.
Jandyean (9)
Saltman (18) C. Davis (10)
Cox (1) G. Beck (2)
Montgomery (2) G. Pfeiffer (6)
Half-time: Caltech, 31; Pasadena, 19.
Scoring subs: CALTECH—Tyson, 3;
Stokely, 4. PASADENA—Young, 4; Ken-
nedy, 4; Laffer, 2.

TALKIN' IT OVER

(Continued from Page 3)

learned to make instant decisions of immediate importance. They have acquired the ability to work and fight on a team

PATHMEN PRACTICE

(Continued from Page 3)

Oxy, and terminating with the Conference Meet on May 1 to be held at Pomona. Men who have reported for practice include:

VARSITY: Jared Abell, Stan Barnes, Elwood Bartholomew, Doug Brown, Erle Brown, Gordon Elton, Chinn, Fernando Corbato, Dick Corwin, Art Corwin, Ray Davis, Bob Funk, Joe Green, Raday Hegeland, Janvin Heiman, Wayne Herzog, John Kariotis, Dave Warren, Jack Marshall, Don Peterson, Roger Picciotto, Bob Pilling, Dwight Schroeder, Mike Sellen, Herb Simons, Dick Spellman and Martin Walt.

FROSH: Bill Barbat, Kenneth Berg, Roland Berner, Dean Blanchard, Bob Cobb, James Denton, Fred Eisen, Jim Gillett, John Johnson, Bob Kurland, Jim Luscomb, Art Miller, Vic Portale, Bill Sorenson, Rich Smyth, Charlie Steese, George Terhune, Walt Edwards, Ray Bowerman, Dallas Peck, Charles Paulson, Tony Malanowski, George Merkel and Jim LaFleur.

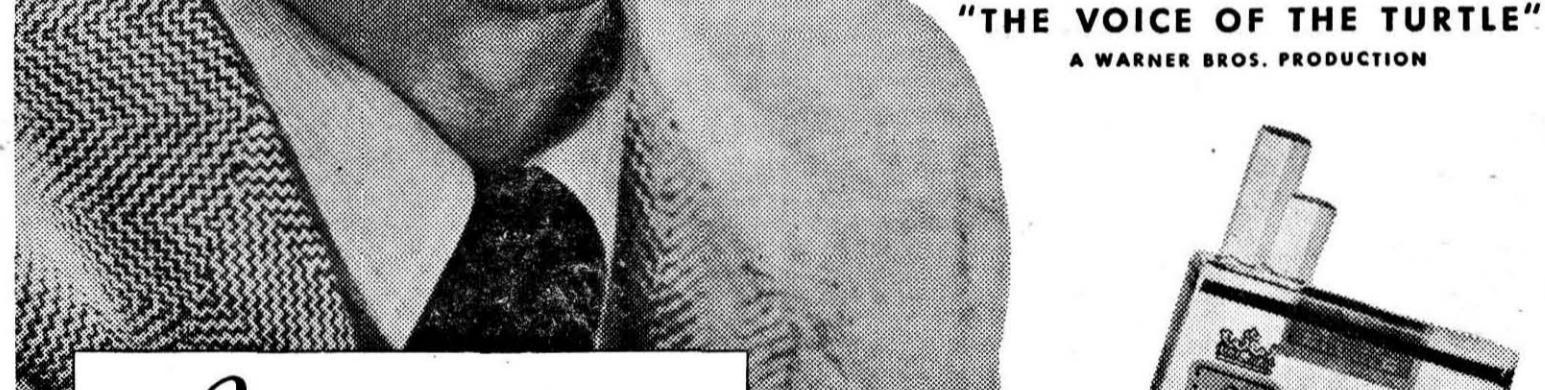
where each member must put full trust and confidence in the others in order to win. They have known what it is like to put forth total effort only to lose, and then come back fighting twice as hard next week—not for the paycheck, but for the sheer joy of winning. They have developed a feeling of sportsmanship that adds so much to the stature of a man wherever he may be.

Well, I guess I kinda got to running on about this, but it's just the way I feel. What if the boys who compete in our league don't get two-column spreads in the big dailies. They don't give a damn. You can't keep looking at the old scrapbook all your life. They have collected something less tangible but of more value with their athletics—education!

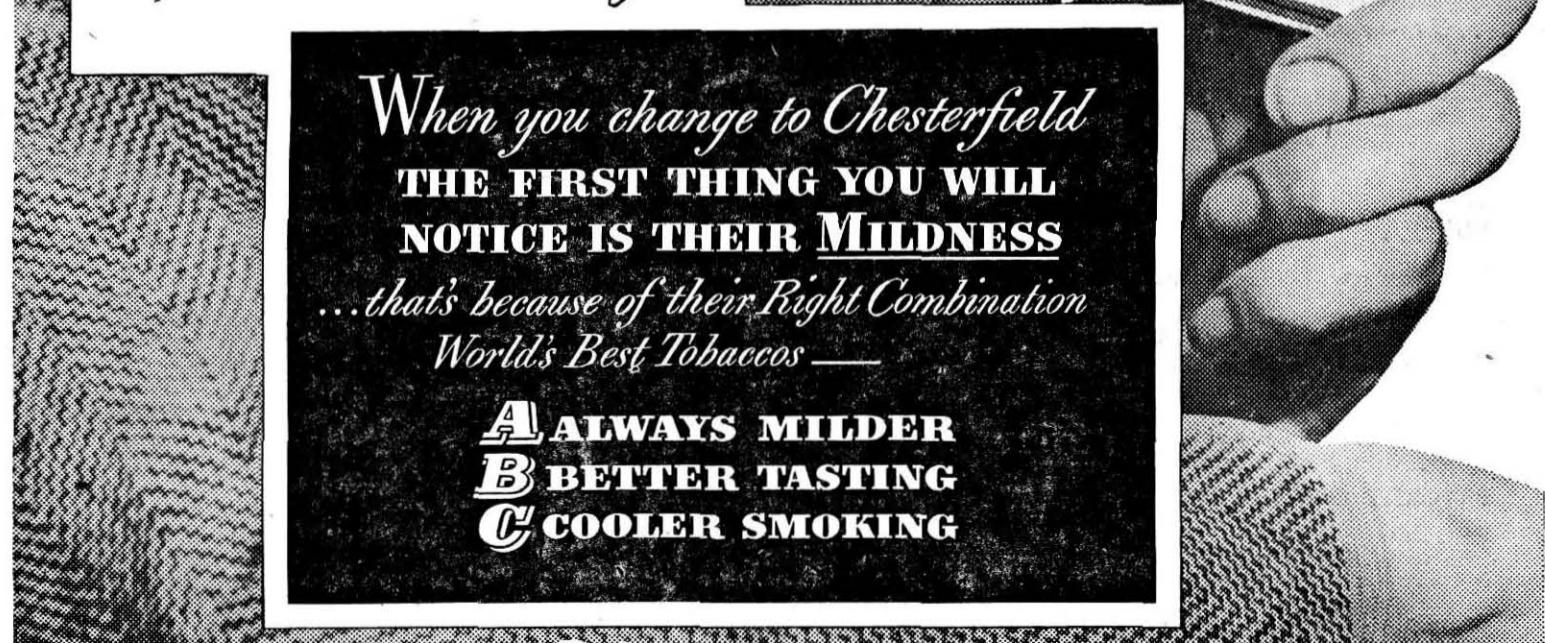
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Ronald Reagan

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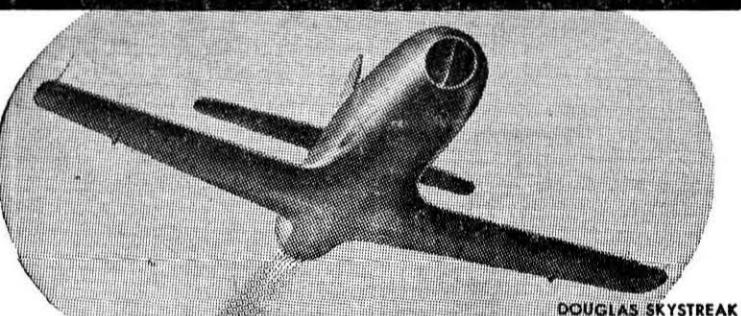
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says Picture Star Ronald Reagan



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