

Class officers elected today

Present predicament in India related by Harrison Brown

by Frank Kofsky

The future of the world in years to come is intimately intertwined with the destiny of India! Such were the sentiments of Dr. Harrison S. Brown, noted Caltech geochemist, who has just recently returned from a six months tour of Europe, India and Asia Minor. Spending three of the six months in India,

Tech debaters win top honors at Oxy tourney

The Caltech debate squad captured the sweepstakes award at the Occidental Tournament of Peers held last Saturday, to finish off its all-time best year in forensic history.

Rube Moulton and Gene Cordes, in their first tourney together, took second place and an "excellent" rating in the combined upper and lower division debate contest. Myron Black and Bill Lindley received an "excellent" ranking in debate, to receive the second such award for Tech of six given by the judges.

Each team debated five rounds with winning teams being matched after the second round. Both Tech teams won three of their five debates. In determining rankings, the tournament judges considered wins and losses, as well as team performance in individual debates.

Caltech was the only school of some 25 participating to receive more than one excellent award in debate, and in so doing copped the sweepstakes plaque, held by Oxy the last two years. Caltech will hold the trophy until next year's Tournament of Peers.

Just two weeks ago, Dr. McCrery and his squad traveled to Redlands and were ranked the number one team in the nation at the National Pi Kappa Delta Convention.

The Occidental tournament closes this year's debate season.

Caltech delegation to represent communist satellite at Model U. N. meet next week

by John Young

The tenth anniversary of the founding of the United Nations will be the theme May 5-7 as a thousand students from eleven western states converge on San Francisco for the Model United Nations conference. The delegates will take part in mock meetings of all of the UN committees as well as the General Assembly, with each school delegation assuming the role of a member nation.

The General Assembly meetings will be held in the San Francisco Opera House, the scene of the organizational meeting of the real UN ten years ago, while other activities will take place on the new campus of the San Francisco State College, the host school. Three days

of meetings, caucusing, and politicking will be highlighted by a final banquet.

The nine member delegation from Tech has been assigned the Ukrainian Soviet Socialist Republic and has been working for several weeks preparing for its role as a communist satellite. "No, I object," and "point of order" will be standard phrases as the Russians help their big brother, the USSR represented by San Francisco State, put forth the communist line. The delegates, with tongue in cheek, will yell mightily for the seating of Red China and the elimination of "Western war-mongering."

UCLA as America will attempt to keep the communist obstructionism to a minimum, with the other countries assuming their



Harrison Brown

tle doubt that India had the resources and raw materials required for industrialization, but that many problems would have to be conquered before this industrialization might take place.

For instance, at the present time in India, there is not enough food to feed the existing population adequately, and as if this plight were not serious enough in itself, the population is increasing by leaps and bounds. Moreover, there is a lack of fluid capital which is so much in need to increase the all-around standard of living.

In his report, Dr. Brown not-

(Continued on Page 6)

Fritz Benning, Dick Johnson, Bob Kausen, and Jim Snyder run for senior class prexy

Junior-Senior dance April 29

Tomorrow night at 9:00 p.m. the Junior-Senior Prom will be held in the fourth floor ballroom of the Pasadena Athletic Club. The upperclassmen and their dates will dance to the music of Carroll Wax and his band until 12:30. A list of the juniors' and seniors' favorite songs has been compiled from a survey taken in upperclass sections, and has been given to Carroll Wax.

Highlight of the night will be the presentation of Ph.T. degrees to the wives of the graduating seniors. The diplomas will be given for "Putting husband Through."

Bids for the dance were distributed to juniors and seniors Wednesday night. Dress will be formal.

Frosh, sophs hold dance next Friday

The Frosh-Soph Dance will be held tomorrow night from 9:00 p.m. to 12:30. The dance will be given by the freshmen in Dabney Lounge for the sophomores, who won the Mudeo. Hal Loman and his band will play music for the frosh, sophs, and their dates.

Theme of the dance is "Springtime Fantasy." The lounge will be decorated with a wall mural and a fountain of balloons in the center of the floor. The ceiling of the lounge will be lowered with black paper, and the portable dance floor will be set up in the garden.

Dress for the event is semi-formal; Caltech students will wear suits and their dates will wear party dresses. Social chairmen request that there be no flowers for the dance.

traditional national policies.

The idea of a Model United Nations started five years ago at Stanford when the School of International Relations sponsored the first meeting. Since then the Model UN has grown each year until this year's anniversary celebration, which will be the largest ever. Host schools in previous years have been Stanford, USC, Cal, and UCLA.

Professor Heinz Ellerseick of the Tech history staff is serving as faculty advisor to the delegation. Members of the delegation are: Norman Albright, Tom Bergeman, Jim Cowan, Hugo Fischer, Dick Kirk, Ted Matthes, Don Pinkerton, Larry Rhodes, and John Young, delegation chairman.

Elections are being held today for next year's class officers. The officers will be picked from among the men nominated at class meetings held during assembly period Thursday, April 21.

The juniors nominated Fritz Benning, Dick Johnson, Bob Kausen, and Jim Snyder for the office of senior class president. Don Lewis and Jan Arps are candidates for vice-president. Hunt Small is unopposed for secretary, and Ralph Kehle and Al Poinsner are opponents for the office of treasurer. Ross Brown, Louis Fletcher, Kim Malville, and John Myers were nominated for Board of Control.

The class of '57 nominated Howie Bloomberg, Joe Lingerfelt, and Herb Rauch for class president. Dick Smisek is running against Dave Yount for vice-president. Bill Hecht is unopposed for secretary, and Gene Barston and Tom Dodge are running for treasurer. Doug Ritchie is unopposed for social chairman. Larry Griffith is opposed by Ted Lang for athletic manager. Those running for BOC are Bill Dietrich, Bob Gelber, Bill MacDonald, Don Meyer, and Howard Rumsey.

Bob Mitchell and Dave Leeson
(Continued on Page 6)

ASME prexy to speak here on Monday

President David William Rowson Morgan of the American Society of Mechanical Engineers will visit the Caltech campus Monday, May 2. Morgan is traveling throughout the United States to encourage student members of ASME to become associate members. Monday aft-



David W. R. Morgan

noon at 4:00 he will address the student chapter in 308 Engineering; at this meeting the 75th annual "Outstanding Engineering Student" award will be presented to a Tech engineering student.

D. W. R. Morgan, who has been ASME president for 1954-1955, is a vice president of the Westinghouse Electric Corporation.

He is well known in the field of engineering for his contributions in heat transfer, pumps, high speed diesel engines, steam turbines, and jet engines.

Anyone interested in becoming a student or associate member of ASME is requested to contact Alan Teague, student chairman.

Frosh lunch club elects officers

The Y Frosh Luncheon Club has elected officers for third term. The new president is Galen Sarno. Zach Martin is vice-president, and Jim Weaver is secretary-treasurer.

House representatives were also named. The house representatives are Henry Phipps, Blacker; Jon Stedman, Dabney; Richard Homeyer, Fleming; and Lou Montoya, Ricketts.

The frosh lunch club meets each Thursday noon at the training table.

'Animal' due May 13, 14

by Sam Phillips

Caltech, known the world over as a mecca for beautiful women, has had no trouble attracting five lovely lasses to play leading roles in the forthcoming production of the comedy, "The Male Animal" by James Thurber, to be presented May 13 and 14 at McKinley Junior High School.

Barbara Frailey is starred as Ellen, the beautiful wife of a young college professor in a small university town. As her younger sister Patricia, Diane Lisko plays the part of a lively college girl. Barbara Stotler plays Blanche, the wife of the head of the English department at Midwestern U., while Lynn Averill is billed as Myrtle, the wife of the chairman of the board. Dorothea Bradley has the part of Cleota, Ellen's cook, who was reportedly modeled after Thurber's own eccentric and unpredictably funny maid.

From last year's backstage to this year's footlights are Mike Boughton, as Tommy Turner, the mild-mannered English professor who upsets a whole campus by reading a letter to his class, and Larry Whitlow, who is cast as the University's professional All-American, the graduate who has never really left college.

Herb Rauch, as Michael Barnes, Tommy's protege, is the editor of the college literary magazine and rival for Patricia's hand with Stan Parkill, cast as the current football hero. Don East returns from last year's triumph to play Ed Keller, the hard-bitten chairman of the board. Roy Paul is Dean Da-

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California Tech

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Entered as second-class matter Nov. 22 1947, at the Post Office
in Pasadena, California, under the Act of March 3, 1879.

On flags at half-mast

What is the theory and practice of lowering flags to half-mast? Whatever it is, we feel that some kind of revision is called for in the half-mast policy of the California Institute.

A couple of weeks ago the big flag out in front of Throop Hall stood at half-mast for several days in a row. During that period one of the most frequently used topics of conversation among undergraduates was the reason for this.

Nobody seemed to know why the flag was in mourning. A few men had recalled that it was the tenth anniversary of the death of Franklin D. Roosevelt, but this hardly seemed an adequate explanation.

It turned out that the explanation lay on a little white card inside a little glass case next to the cashier's office in Throop Hall. On the little card a brief, dignified message explained that the flag mourned the death of Harvey Mudd, a member of the Caltech Board of Trustees.

If you hadn't noticed the little white card, or hadn't talked to someone who had, you just didn't know why the flag was down, until maybe you read about Mr. Mudd's death last week in the *Tech*.

So a trustee of the Institute rates several days running. When Albert Einstein died, though, the administration did not feel that Dr. Einstein's importance to science was great enough that he too should be honored by lowering the flag to half-mast.

We object. We respect Mr. Mudd, but we cannot see how he can be considered several days more important than Dr. Einstein. And, in any case, we feel that the next time the flag is at half-mast, someone ought to go to a little bit more effort to tell the public why.

Secretary's Report

Caltech may have another minor sport by next year: The Sailing Club has once again applied for this status, which would entitle them to more complete expense coverage by the athletic department in addition to eligibility for ASCIT letters and jacket awards given to all minor sports lettermen.

When the matter came before the athletic council last fall, a number of requirements were set up for the sailors to fulfill. Now essentially all these requirements have been satisfied: Meets have been held six times this year (four required). The team manager has reported all matters, including race results, to the athletic department. Complete information has been presented on rules and membership of the Pacific Coast Intercollegiate Yacht Racing Association, of which Tech is a member.

However, the unique nature of sailing stands in the way of recognition. There can be no complete schedule made in advance, and there are no daily practices as in other sports. Sailing is often regarded as more of an enjoyable recreation than as a rigorous athletic endeavor requiring the training and practice of most other sports. Whether these factors will be enough to stand in the way of recognition will be soon decided by the athletic council.

The telephone booth at the corner of the gymnasium ("destroying the beauty of the architectural lines") has come under enough student criticism so that Building and Grounds will consider moving it if the student body is really serious about the campaign. The next question, of course, is where can it be moved to?

Many organization heads will soon receive a questionnaire with a number of questions prying into their work and the work of other officers. This is no inquisition, but an attempt to re-evaluate the allotment of Honor points before the Little T goes to press.

—Tom Bergeman

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Inquiries should be addressed to: Professional personnel office, University of California Radiation Laboratory, Berkeley 4, California.

The World and Tangora

by Elsa Tangora

The newspapers are carrying stranger and stranger items in these troubled times.

This week I saw an article in the *Los Angeles Times* which



was a real prize winner. It described a new women's hair-do, "The American Girl." After you have read the article

it is obvious to you that no truly patriotic American girl could feel right wearing any other style.

The story explains that the style was settled upon by several leading hair stylists who wished to combat "European influences" in American fashion. Apparently American heads of hair have been viciously infiltrated by subversive French and Italian styles, and it is time to put an end to such anti-Americanism once and for all, by creating a new and "truly American" hairdo.

A similar brand of thinking was revealed about a month ago in another *Times* article. This was a report of the findings of a "committee to investigate educational policies" composed of several somewhat conservative politicians of the Knowland breed. The committee examined the progressive system under which letter grades are replaced by critical evaluation. Since this takes the emphasis off competition between students for A's, the committee ruled that it was "communist" because "the American way of life is based on competition."

What next?

McCarthy, Monroe to star in variety show, states Konfsky

by Stu Richert

Frank Konfsky, ASCIT rally commissioner, made the astounding announcement today that among the interesting and informative assemblies planned for the remainder of the year will be a variety show including a strip-tease act by Marilyn Monroe and a baritone solo by Senator Joseph McCarthy.

"Thins student bondy needs some pemping un, and I believe thant thins anssembly wlln have a venry hinvigorhanting effent on the studemts," Konfsky stated. He also promised that the new Rally Commission, consisting of Konfsky, Breinthogan, etc., will endeavor to present the type of assemblies that Caltech students really crave.

Frank implied that rally commissioners in the past did not really give a damn what the students wanted, but merely put on assemblies which they themselves liked. As an example, consider progressive jazz. Konfsky has gone on record that he would not let his intense personal dislike of such music interfere with the presentation of an assembly on such, since he knows that it is what the students really want.

As a further example of assemblies of vital interest to Tech-

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Campus Brewins

Let those who are voting first, and as an important afterthought.
—H. Ranch

Move of the week was that of one Van de Houten, at the Rowdy Exchange with USC. Among the several queenly damsels in attendance was a lady from China Lake. Said lady was surrounded by a bevy (sic) of eager admirers in the Ricketts dining room when V. D. strode into the ring and grasped her by the arm, whispering something unintelligible. She nodded as he whisked her away, only to return some 20 minutes later with the sad news that Koontz, also of China Lake, was not in his room. It gets to be a longer and longer walk to Fleming all the time.

Girl friend?

Poor Slinger has been having much trouble with his women lately. In particular, one from Riverside has him on the ropes at the moment. He called and asked her to the carnival, knowing that she would be in town. She said yes, but that she would have a friend with her. Fine, he could fix up the friend. No, she said, it was not that kind of friend. He did understand, didn't he? He supposed so and hung up. Deposit \$1.40 please. Friday a note arrived. "Dear Tom. I guess I owe you some kind of an explanation. You sort of put me on the spot about Saturday night, since my friend wouldn't take to the idea of going out with a Tech guy." The note (Tangora please note) was not signed "love." Guesses as to the gender of the friend are welcomed at the Tech office.

Carnival

The carnival was a smashing (in the black) success. The Phlegm goon squad, fresh from their success at block-smashing, did more than justice to the bashmobile. The ladies auxiliary claim of clean, pure, non-student house cookies helped them to a clear profit.

Original research

Long John Ruckmick no longer geologizes on sunny afternoons. Lately the peerless leader has been spending the pleasant afternoon hours sipping pleasant malts at pleasant Bob's and watching the pleasant PCC girls romp in and out. According to John, the RMS best girl-watching time is 2 p.m., with activity generally good until around 4.

\$\$\$\$

Funny how the honorable leaders of the honorable student body get suddenly dishonorable around ASCIT Board party time. The Beak hasn't seen so many pickled politicians since his last trip to a party convention. Long live student body money.

Comes the revolution

Extra. Conley seen with girl. For the second weekend in a row, big Phil Conley went out with an unmarried, unengaged, uninhibited, real live girl. His trip to Denmark finally did some good.

Pool party

Everything but the weather smiled on the Blacker pool party. Velman receives the par excellence award for the best cookery since Sue Huck. Hamburger is just the right food for bird dogs.

Another fallen one

The beak was sadly disappointed to see Ernst Dernberg, boy biologist, in the company of a deliciously blonde damsel. When queried he mumbled something about her being somebody's sister.

Prediction

After deciding by a unanimous vote that it was going to rain (it didn't), the Darbs decided to make the Huntington Hospital exchange an inside affair. Everybody talks about the weather.

Brand new line

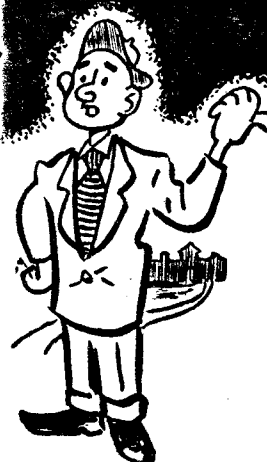
Nerve of the week belongs to Blake, "St. Pete" Wallace, who suggested to one of his favorite ladies that she accompany him on a raft cruise down the Mississippi. He was so serious about it she may have been convinced. Huck Finn rides again.

Since the "T" box in Ricketts is already filled to capacity with scurrilous items about Hundley, contributors of future items are requested to deposit them in the nearest garbage can, a fitting repository.

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Play poop promulgated: cast contains lovely redhead as wife, blonde as student

by Sam

This is the first of two articles about the female leads in the Drama Club's production of "The Male Animal" on May 13 and 14. Due to popular demand, another series dealing with the male leads will not be run.

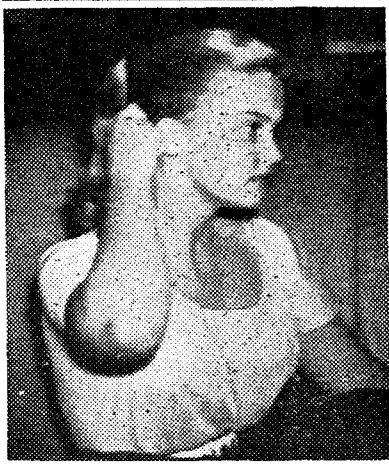
Returning to us after last year's successful debut with the drama club is Barbara Frailey. This flaming redhead from San Francisco is a student at PCC majoring in theater arts and is also a photographer's model. She starred in the recent Playhouse Play Contest in "Our Hearts Are Young and Gay" and is a commentator for fashion shows.

When relaxing from these labors, Barbara likes sailing, swimming, and MEN! In the play she is the attractive wife of a young college professor (Mike Boughton) and the object of a fight between him and Larry Whitlow, playing the part of the professional alumnus.

Cast as Barbara's sister is vivacious, blonde Diane Lisko. From Pittsburgh, Pennsylvania she is now a student at South Pas, specializing in languages and drama. When she has time she likes to swim, ride horseback, and go to Palm Springs.

This size 12 miss will prove a sure hit as Herb Rauch and Stan Parkill, cast as poet and football player respectively, contend for her affections.

If you are interested in seeing more of these lovelies, there will be a special exhibition on May 13 and 14 at McKinley Junior High School auditorium. Tickets are available from any drama club member.



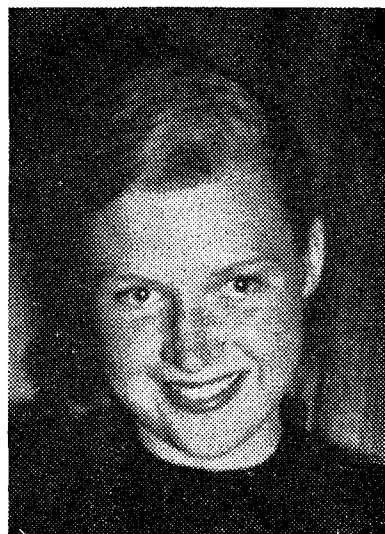
Diane Lisko

Greenstein will speak Friday

Professor Jesse L. Greenstein will discuss "Radio Astronomy" at the Friday evening demonstration lecture in 201 Bridge at 7:30 p.m.

Dr. Greenstein will describe the first detection of radio signals from space and from the sun, and the discovery of sources of radio noises in our own and other galaxies, exploding stars and colliding galaxies. He will also discuss Caltech's plans for observational work in radio astronomy.

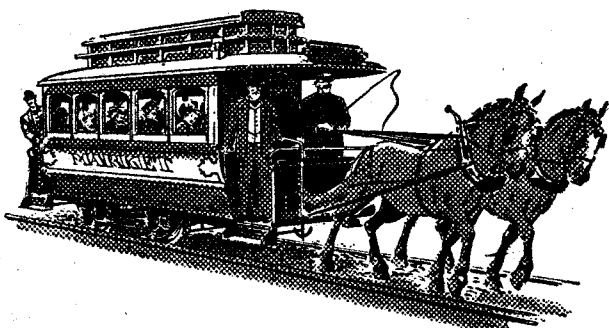
Professor of astrophysics at Caltech, Dr. Greenstein received his PhD degree at Harvard. Before coming to Tech in 1948 he was a member of the University of Chicago faculty.



Barbara Frailey

Madsen receives engineering award

Caltech senior civil engineer George E. Madsen has been honored by the Los Angeles Section of the American Society of Civil Engineers. He was selected as the outstanding student in civil engineering at Tech, with a combination of high scholarship, service to the student chapter of ASCE, and extracurricular activities. He was also recognized as an outstanding athlete in basketball, baseball and swimming.



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"ANIMAL" DUE

(Continued from Page 1)

mon, chairman of the English Department, who only wants to retire in peace. Jerry Royce is amazingly miscast as Nutsy Miller, the college cheerleader and drumbeater, while the essential

part of the reporter is still being held open.

Directing the play this year is Dan Bailey from the Playhouse staff, assisted by Wayne Nelson as stage manager, George Oetzel as prop man, and Bill Hoigler as prompter.

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Sportingly yours,

by Bill Davis

With Conley slowed down by a sore arm, it looks like he is getting rapidly passed for national honors. Green of San Jose State and Bitner of Kansas have both thrown over 230 ft. The other four toothpick heavers ahead of Phil's seventh position are grouped within two feet of him.

Conley's 218 ft. throw would have won the NCAA championship in nine of the past thirteen years. It would have placed second in the other four years.

Tech has a chance for second in the conference meet. Conley appears to be the only individual winner for the Beavers, but watch Wileman. On his performance in the 220 last week, he's ready. He turned a 21.9 after running the 440 and this week he will not run the quarter so he will be fresh. Carling's 21.8 and Carling and Presber's 21.6 wind clockings are the only better ones.

The swimmers are tied with Pomona now for the conference lead, but don't figure to go all the way. Pomona's freestylers make them untouchable. This Friday's meet with Oxy decides second place in the conference. It's going to be very close with a few points deciding the meet.

This is the big one for the frosh swimmers too. If they win this one, they are a shoo in for the conference title. Bright spot is Clark Rees. Rees has bettered the conference varsity records in the individual medley and backstroke and could do the same in the 220 and 440 freestyle if he ever swims them.

Tech horsehidiers figure to lose to a fine Long Beach State team on Tuesday and repeat against Oxy on Saturday. Faint chance for an upset against Oxy if they throw their second string pitcher. The tennis team should down both Whittier and Pomona and the golfers lose to Pomona.

CAMPUS BARBER SHOP
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Where Everyone Is Welcome
Paul A. Harmon

Frosh bow to Pomona

Tech's frosh tracksters found themselves undermanned against the Pomona Sagehens Saturday. The young Sages took 10 of 15 first places and finished with a total of 89 2/3 points as compared to 36 1/3 scored by the Beaver frosh.

Forrest Cleveland proved to be the bright spot in Tech's lineup as he swept the sprints to become the only frosh double winner of the day. Lanky Gerry Lawerence salvaged a first place in the high hurdles as did Bruce Kowol in the javelin. High jumper Gordon Barienbrock completed Tech's list of blue ribbons as he tied with Anderson of Pomona in his pet event.

Dan Horowitz gathered in six points as he nabbed seconds in both the discus and the shotput. Tech's other second came from Rusch in the 880. Dick Van Kirk took third in both jumps and the low hurdles.

Outstanding man of the meet was probably Hermans of Pomona. Competing in all three distance events, he won the 880 and mile, and came up second best in the 2 mile. His 880 mark of 202.8 was among the meet's top performances.

Tech swimmers edge by Whittier; lead conference

Last Wednesday the varsity swimmers won their second straight conference meet by downing Whittier 47-37. Tech now shares the conference lead with Pomona with a 2-0 record.

Dick Johnson was high scorer for the meet with firsts in the backstroke and 440 and a second in the 220. George Madsen won the diving and John Bush won the individual medley to account for Tech's other individual firsts. The medley relay team of Don Roberts, Bill Davis, and Ed Park was also victorious.

Other Beaver places were Jim Ball, second in the 50 and 100; Bush, third in the 100; Bill Below, second in the individual medley; Roberts, second in the

backstroke; and Davis, second in the breaststroke. Jerry LaBonte of Whittier in winning the breaststroke was some eight seconds faster than the existing conference record.

The frosh had even more of a field day against the undermanned Whittier frosh. The Beaverbabes swept every first place in swamping the young Poets 69-7.

Three double winners were produced when Ron Leonard won the 220 and the 440, Vince Taylor took the 50 and 100, and Clark Rees took the individual medley and the backstroke. Other winners were Keith Martin in the breaststroke and Jerry Pjerrou in diving. Rees' time in the backstroke was under the conference varsity record.

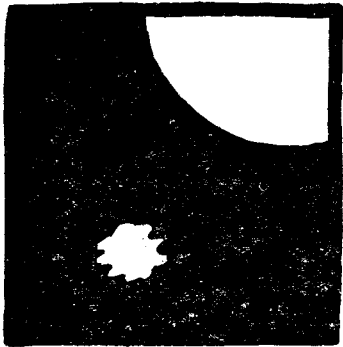
Lambs babes lose

Frosh netmen bowed to Pomona for the second time this year. Bob Tokheim came through with Tech's only singles win of the afternoon in a hard-fought 9-7, 9-7, victory. He combined with Phil Reynolds in doubles to take the other Beaver triumph making the final tally 7-2.

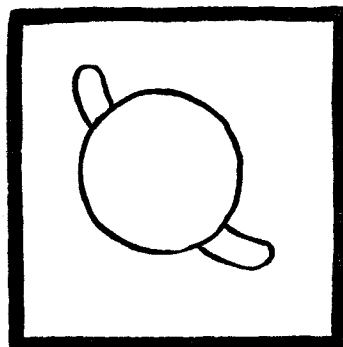
It was a different story when the frosh and varsity met Mt. Sac on Friday. Bill Davis took the only first for the varsity in winning the breaststroke. Seconds were taken by Dick Johnson in the backstroke, George Madsen in diving, and Bill Below in the individual medley.

The frosh had an easier time of it only losing 55-29. However they produced two double winners in Vince Taylor in the 50 and 100 and Clark Rees in the individual medley and backstroke. Rees' time in the individual medley was almost seven seconds under the varsity conference record.

HEY, THERE! MORE LUCKY DROODLES!

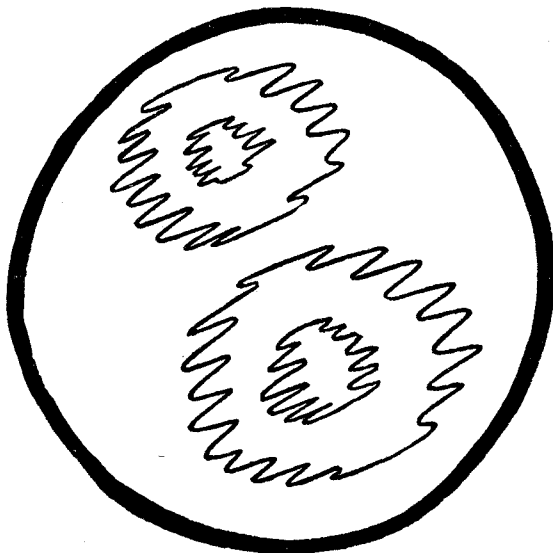


COTTONTAIL RABBIT ON MOONLIT NIGHT
Arlen J. Kuklin
University of Nebraska

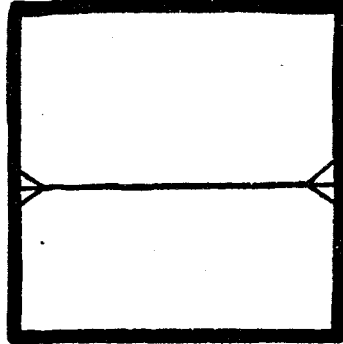


HOT DOG ON HAMBURGER BUN
Burt Griffin
Wake Forest

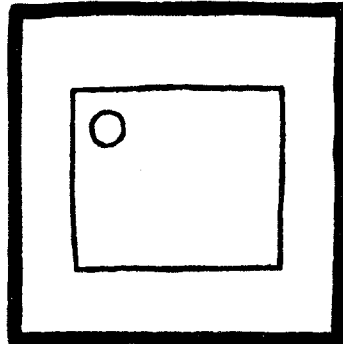
WHAT'S THIS? For solution see paragraph below.



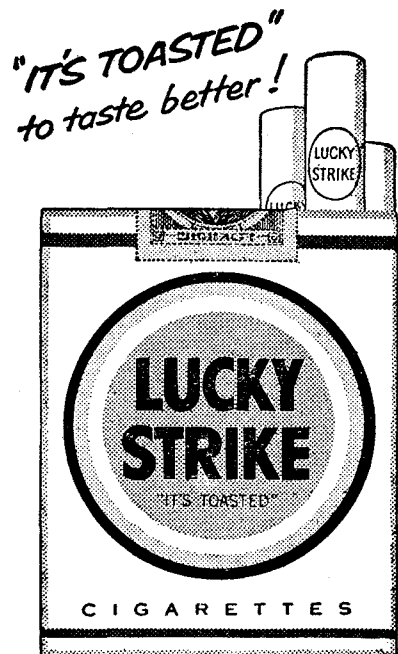
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Interhouse sports

Fleming's win over Dabney, 13-0, gave Blacker the interhouse trophy for next year. The Dabneyites, now lodged in second place, can only garner 15 points in the present football race. Even if they should win the volleyball title, they would still be short of Blacker's minimum total of 117 points.

In football Fleming overcame an early Ricketts score to beat the Rowdies, 13-7. The win gave Fleming undisputed first place in the gridiron standings.

Ricketts opened the scoring as Walt Haengi nabbed a first period pass thrown by Ron Wann. Wann chucked to Chuck Wheatley for the extra point. The Big Red team countered to tie the score as Bill Chambers passed for forty yards over the goal to Jim Welsh. Chambo threw to Glenn Converse for the conversion.

Late in the final period Fleming, led by Chambers, Welsh, and Horace Furumoto, marched to the Rowdy one yard stripe. On the next play with twenty seconds left in the game, Chambers threw to George Probert for the winning tally.

In other games last week Ricketts edged Throop 8-7, while Dabney clouted Blacker 19-6. Fleming will have its opportunity to sew up the fotoball title when it tackles Blacker this afternoon.

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LUCKIES TASTE BETTER CLEANER, FRESHER, SMOOTHER!

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Sagehens take relay to edge Beaver tracksters

Pomona-Claremont nipped Tech in the mile relay to win last Saturday's track meet, 68-63. With all events but the relay completed, the score was deadlocked at 63-63; the relay decided second place in SCIAC dual meet standings. The Sagehen anchor man, Bill Schultz, got the baton exactly even with Tech anchor Roger Wileman, and the two raced the first 220 stride for stride. Then Schultz moved out, had too much kick for Wileman, and won by ten yards. Schultz was caught in 49.1 for his lap; the Pomona team ran 3:23.8, almost seven seconds under their previous best. Tech did 3:25.9, in itself a good small college time.

Jim Tyler turned in Tech's best performance, winning the 100 yard dash in 10.1 and getting away his best broadjump of the season, 22 ft. 3 1/4 in., to also win that event. He then picked up a tie for second in the high jump, and a third in the 220.

Sagehen Bob Fendler broke the Pomona-Claremont school record in the high jump, scaling 6 ft. 5 1/4 in., one of the best marks in the nation this year. The high jump was also highlighted with a 6 ft. 8 in. exhibition effort by USC's Ernie Shelton.

In the day's first event, and one of the most crucial, 'Hen Tom Williams set the pace for a raft of come-through Pomona performances by lowering his season's best mark five seconds, winning the mile in 4:36. Fred Witteborn ran 4:40 for second, and Don Lewis, after setting the early pace, was way back in third place.

Schultz edged out Wileman by three yards in the 440, winning in 49.8. Wileman was right in there with a 50.2, his best non-relay time. Pomona's Pahl upset Marty Tangora to gain a precious third in the same race.

Tech sweeps 220

Wileman came back later to lead a Beaver sweep in the 220. John Lukesh was second, and both were clocked in 21.9, setting them up as definite threats to the Oxy sprinters in this week's conference finals. Jim Tyler put on a tremendous spurt in the last ten yards to just squeeze into third place. Tyler had previously won the 100 in 10.1, another seasonal best for him.

Phil Conley, still bothered by an ailing elbow and a sore thumb, got off a heave of 197 ft. 4 1/2 in. on his last effort to take the javelin. Jim Lloyd garnered vital points by winning the pole vault, and Ted Lang upset 'Hen Brownie Brown to sneak into second in the discus. Arne Kalm got off his best leap ever, 20 ft. 10 in., to take an unexpected second in the broadjump.

Witteborn wins

Witteborn took over the lead on the sixth lap, and kept it, to win the two mile in 10:35.4. Lewis partially made up for his dismal showing in the mile by beating Williams for second place.

Pomona swept the shot-put as they outscored Tech in field events 31-23. This was balanced by the Beaver 220 sweep and victory in running events, less relay, 40-32. All in all, both schools had some real good clutch performances, but Pomona had the most in the big one, the relay.

Summary:

100—1. Tyler (C); 2. Lukesh (C); 3. Stevens (P); 10.1.
 220—1. Wileman (C); 2. Lukesh (C); 3. Tyler (C); 21.9.
 440—1. Schultz (P); 8. Wileman (C); 3. Pahl (P); 49.8.
 880—1. Schultz (P); 2. Hamsen (C); 3. Workman (C); 2:00.9.
 MILE—1. Williams (P); 2. Witteborn (C); 3. Lewis (C); 4:36.
 TWO-MILE—1. Witteborn (C); 2. Lewis (C); 3. Williams (P); 10:35.4.
 120 HIGH HURDLES—1. Strombotne (P); 2. Bear (P); 3. Taylor (C); 15.8.
 220 LOW HURDLES—1. Stevens (P); 2. Taylor (C); 3. Strombotne (P); 25.4.
 SHOT-PUT—1. Smith (P); 2. Marshall (P); 3. Martin (P); 49ft. 8 1/2 in.
 JAVELIN—1. Conley (C); 2. Smith (P); 3. Dougher (P); 197ft. 4 1/2 in.
 POLE VAULT—1. Lloyd (C); 2. Tie between Dorman (P) and Dyer (P); 11ft. 6 in.
 HIGH JUMP—1. Fendler (P); 2. Tie between Tyler (C) and Mear (P); 6ft. 5 1/4 in.
 DISCUS—1. Smith (P); 2. Lang (C); 3. Brown (P); 143ft. 5 1/4 in.
 BROAD JUMP—1. Tyler (C); 2. Kalm (C); 3. Bear (P); 22ft. 3 1/4 in.
 MILE RELAY—1. Pomona-Claremont (Pahl, Stevens, Bear, Schultz); 3:23.8.



Tyler, Lukesh in 100 win, place

Tech horsehiders beaten in close game by Pomona nine

Playing their first close ball game in weeks, Caltech's varsity baseballers lost a thriller to Pomona 5-4. Behind by a score of 4-1 at the end of eight innings, a Beaver rally brought three runs across the plate in the top of the ninth, only to have Pomona score the winning run in the last half of the inning.

Ray Weymann, again pitching against hard luck, was tagged with his fourth loss of the season against one win which, strangely enough, is the Beaver's record in league play. Weymann went the distance giving up just six hits, but errors at the wrong times were capitalized upon by the Sagehens to turn the tide of battle against the Beavers.

Three hits allowed

Tech batters, again showing weakness at the plate, tagged Pomona pitcher Howie's Seriven for only three hits, two by center fielder Ed Berry and another by Gene Nelson, the team's leading batter.

Pomona got off to an early lead

as they pounded four runs in while Tech was getting only one. That set the scene for the tremendous ninth inning rally. Ed Berry led off the inning with a two bagger. Before Pomona could think twice the bases were loaded and Gene Nelson singled across two runs. Another run materialized as Hal Morris squeezed a run in from third and was safe at first base on a poor fielding play. With runners on first and third base and only one away, George Madsen's attempted squeeze play was turned into a pickoff play and the rally was squelched.

Squeeze play works

In the last of the ninth, a walk and a single put runners on first and second with one out. A passed ball put them in scoring position. On the next play, catcher Warren Furumoto, sensing a squeeze play, called for a pitch-out but was unable to control the ball as the play materialized to end the game.

The frosh didn't do any better in losing a wild game 18-13. Surprisingly enough the pitching wasn't as bad as in the past, with Tony Howell going most of the way for Tech. The fielding miscues proved to be the fatal point in the Beaverbabe loss.

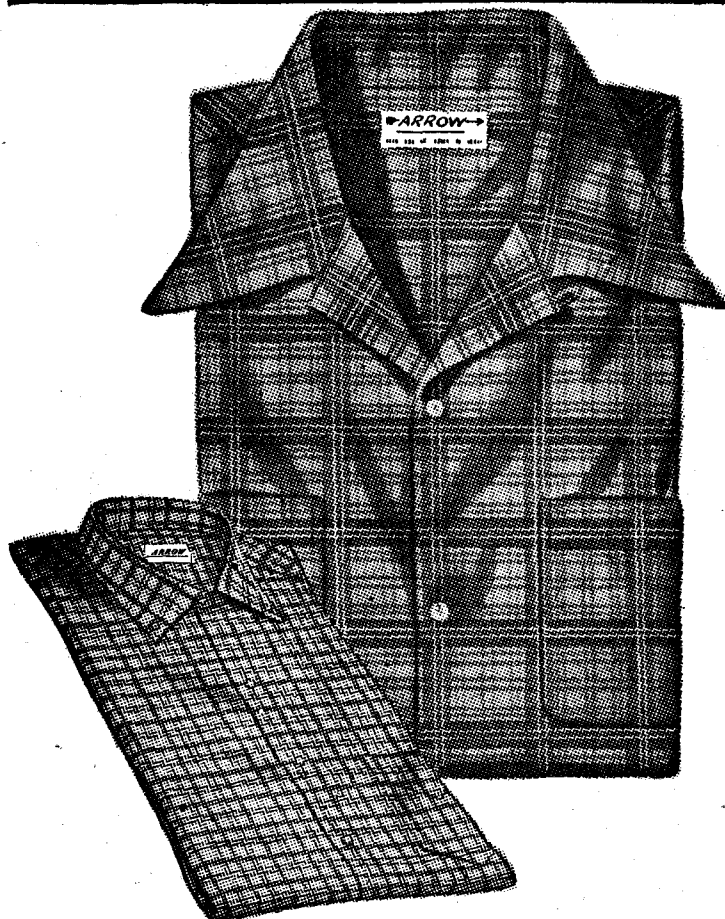
Saturday the varsity will play host to Occidental, while the frosh team travels to Eagle Rock to meet the Oxy frosh.

Spring football practice starts

Coach Bert LaBrucherie announced that spring football practice will start next Monday. Time of practice will be from 4 to 6 p.m. Monday through Friday for the next four weeks. Equipment may be checked out this week from the stockroom.

Coach LaBrucherie urges all members of last year's freshman squad and junior and sophomore members of the varsity to turn out Monday. Any other interested underclassmen will also be welcomed.

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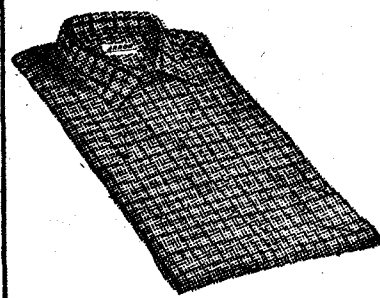


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Hoffman and Loewe will speak before Y lunch clubs next week

Mr. Haloc Hoffman, head of the western division of the Fund for the Republic, will speak to undergraduates at the Y lunch club meeting Tuesday, May 3, on the topic of "Civil Liberties," while the German Vice-Consul Hans Loewe will present a "General Survey of Postwar Germany" at the frosh lunch club meeting Thursday, May 5.

Mr. Hoffman is the son of Paul Hoffman of national political fame.

Loewe, himself an LLD and recently from Germany, is an authority on the German political and legal picture. He will discuss the general situation of post-war Germany and "will touch on current political problems."

Meetings are held at the training table, where lunch starts at the regular time. Speakers are introduced about 12:25.

PRESENT PREDICAMENT

(Continued from Page 1)
ed that the Indian government was doing all possible to overcome these problems. It has embarked on a program of education that will help the peasant-farmer to cultivate his crop more efficiently. To help him in other ways, the government is starting many irrigation projects throughout the country, and is drilling wells wherever possible. And so that the farmers may at least purchase some new farming implements to replace his ancient wooden ones, under government stimulation, credit has been established where none existed, and extended where it has previously been in existence.

Birth control

India is also going about the problem of securing an adequate food supply for her people by another method. Recently established as government policy, advocacy of and education about birth control should prove instrumental in India's fight for food. However, Dr. Brown revealed, the situation is not as simple as meets the eye, for the administrator in charge of the birth control program is violently opposed to its use.

Dr. Brown had also made a journey to Europe in 1950, and he said that in the ensuing five years, prosperity had been almost completely returned to Europe. Indeed, Paris, in his opinion, is now the most expensive city in the world in which to live.

In addition to India, Brown traveled in Italy, attending a meeting of the International Geophysicists Union; Switzerland, at the University of Berne; France, working with the French Atomic Energy Commission; Belgium and Great Britain. In the latter country, Brown conferred with the British Atomic Energy Authority which is designing nuclear reactors to produce electricity for domestic consumption. These reactors, which will compete with existing coal-burning plants, will be complete before a year has passed.

CLASS OFFICERS

(Continued from Page 1)
were nominated by this year's frosh for the office of sophomore class president. Dick Baron and Bruce Blackie are running for vice-president. Dick Herlein, Gerry Lawrence, and Zack Martin were nominated for the office of secretary. Gene Cordes and Galen Sarno are the candidates for treasurer. Three teams are running for social chairman; Gordon Barienbrock and Larry Rhodes, Pete Hoag and Bud Penquite and Henry Phipps and Clark Rees. Ed Krehbiel, Reed Saunders, and the team of Lance Hays and Phil Reynolds were nominated for the office of athletic manager. Those nominated for BOC are Jerry Fried, Dick Kirk, Sonny Nelson, Ted Oakberg, Roland Parkinson, Jon Stedman, Vince Taylor, and Dick Van Kirk.

Y film series will present comedy

"Tight Little Island," 1950 British comedy, will be shown next Sunday in Culbertson by the Y film series. Show time is 7:30, admission 35 cents.

The film, starring Joan Greenwood and Basil Radford, is about a liquor shortage on a small Scottish island, and the efforts of the inhabitants to loot a whiskey-filled freighter which is shipwrecked nearby.

Shorts on the Sunday program are "Begone Dull Care" and Charlie Chaplin's "The Floorwalker." "Begone Dull Care" is a colorful interpretation, painted directly on film, of jazz music by the Oscar Peterson Trio. It won a first prize at the 1950 Venice film festival.

"The Floorwalker" deals comically with Chaplin's difficulties on an escalator. Originally silent, the film has a musical score and sound effects added.

On Sunday, May 15, the Y film series will present Marlon Brando in "Viva Zapata!" and a program of shorts which will include "Muscle Beach," and Walt Disney's cartoon "Pigs is Pigs," based on Ellis Parker Butler's famous tale.

Chem engineers to take trip Saturday

Caltech chemical engineers will visit the California Research Corporation production laboratory in La Habra next Saturday. As the problems faced there are not only of a chemical nature, the club is extending an invitation to other interested persons.

Any persons who wish to go on the trip and have not been contacted through the club's regular list, please see Bob Defeyes, or leave a note in the "D" box in Blacker House before tomorrow noon. The group will leave from the Athenaeum parking lot at 9:30 a.m. Saturday.

Seniors will hold meeting Thursday

The senior class will hold a meeting next Thursday at 11 a.m. in 206 Dabney, class officers have announced.

Plans for the seniors' gift to the school will be discussed at the meeting. The other item of business is the planning of senior week.

Egad!

M. E. Student: "Could you help me with this problem?"

M. E. Professor: "I could, but I don't think that it would be quite right."

Student: "Well, go ahead and take a crack at it anyway."

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