

California Institute of Technology

Thursday, February 10, 1949

No. 16

Volume L.

## Caltech Teams to Attend Speech Events Tournament

Tech Speakers to Include Bernard Rudin, Leo Breiman, Ulrich Merten, Ray Brow, John Rogers, George Brown

Caltech speakers will exercise their vocal cords this Saturday at a Speech Events Tournament on the UCLA campus. The tournament, co-sponsored by Caltech and UCLA, will feature discussion groups and extemporaneous speeches on such current world and national problems as American rights and Civil Liberties and European affairs.

Caltech speakers will be Bernard Rudin, Leo Breiman, Ulrich Merten, Ray Brow, John Rogers, George Brown, Ralph Stone, Ollie Gardiner, and others of the speech squad.

### Valley of Decision

Rudin will enter the oration that won him second prize at the Pepperdine Tournament: "The Valley of Decision," about the TVA. Rudin and Brown will also try to retain the first places won at the College of Pacific in Extemporaneous and Impromptu speaking.

The UCLA Tourney forms the second part of the Annual Caltech-UCLA Speech Events Tournament. The first part was held at Caltech two weeks ago and featured debating.

### Future Events

Other contests programmed for the speech squad include a tournament at Bakersfield College in which Dr. John Schutz, Caltech debate coach, will direct senior division debating; the Western States Tourney, to be held at Redlands this March; and a series of Oxy assembly debates to be held there the last of February.

### Breiman Wins

Bringing home new laurels for the Tech Speechers was Leo Breiman, who was recently awarded third place cup in the Los Angeles County March of Dimes Oratory Contest. He spoke on the life of Franklin D. Roosevelt.

## Boller To Speak on Private Consulting

What promises to be one of the most interesting ASME meetings of the year will be held at 11 a.m. next Monday, Feb. 14 in 206 ME, when Harry Boller, of Boller and Chiven Engineers, will speak about his experience and problems in operating a private engineering concern. A Tech alumnus of '38, Mr. Boller has had considerable experience since graduation, having worked for C. F. Braun Co. and Byron Jackson Co. After serving as Chief Design Engineer for the Hydraulics Lab on Campus, he established his present business in partnership with Mr. Chivens as a private development engineering concern, which since its formation in 1945, has done a variety of interesting jobs on meters, gauges, and recording apparatus of all kinds.

This will be an excellent opportunity for all those who may go into business for themselves some day to learn the steps taken by Mr. Boller, as well as to get an idea of some of the problems encountered.

A few minutes will be required at the beginning of the period for the taking of the Big T picture, so be there promptly.

## Campus Calendar

**WEDNESDAY, FEBRUARY 10—**  
12:00 Y Upperclass luncheon  
12:15 Throop Club meeting  
7:30 Dancing Class

**FRIDAY, FEBRUARY 11—**  
11:00 Nominations Assembly  
6:45 Basketball, Caltech Frosh vs. Redlands  
8:15 Basketball, Caltech vs. Redlands

**SATURDAY, FEBRUARY 12—**  
9:00 Ricketts-Throop Valentine Semi-Final  
8:30 Blacker-Fleming Barn Dance  
7:00 Dabney Dinner and Dance

**SUNDAY, FEBRUARY 13—**  
7:30 Caltech Musicals, Dabney Hall Lounge

**MONDAY, FEBRUARY 14—**  
4:00 Math Club meeting, 201 Bridge  
4:20 Interhouse Bowling

**TUESDAY, FEBRUARY 15**  
12:00 Y Frosh Luncheon  
7:30 Band Practice, Culbertson

**WEDNESDAY, FEBRUARY 16—**  
4:30 Alumni Placement Talks, Dabney Hall Lounge  
7:30 Fencing, Dabney Dining Hall  
7:30 Orchestra, Culbertson  
9:00 Glee Club, Culbertson

## Boring Talk Set On Job Seeking

By Dick King

The next to last Alumni-Beaver lecture will be held this next Wednesday afternoon when Mr. M. M. Boring, of the General Electric Company, will speak on "The Problem of Looking For a Job."

For the first time since the start of the series, the place has been changed. Dabney Lounge has been forsaken in favor of 155 Arms. The time remains the same, however, 4:30 afternoon time.

Everyone, especially seniors, should benefit from Mr. Boring's experience, since he has been concerned with the selection of technical graduates for nearly 30 years. Also, he has kept in touch with most of the selected men during their training periods, giving him additional experience on personnel selection. It is no wonder that he is considered one of the best men in the industry in this field. He is at present Manager of the Technical Personnel Division of General Electric Company at Schenectady, New York, and also serves on the executive staff.

### SAE Field Trip

The student branch of the Society of Automotive Engineers is planning a field trip to the Mercury-Lincoln automobile assembly plant in Los Angeles tomorrow afternoon, Friday, February 11. Anyone who would like to visit this plant may attend. Meet in front of ME building at 1 p.m.

## McKinney Prize Reading Revealed

"The American Way of Life—A.D. 2000", is the subject for the 1949 McKinney Prize Contest in English. Prizes of \$75 and \$50 and books will be awarded to the members of the Junior and Senior classes whose essays win.

Each candidate will write an essay of about 1200 words on the subject, drawing ideas for his essay from the following required reading: *The New Atlantis*, by Francis Bacon; *Look-Backward*, by Edward Bellamy; *Back to Methuselah*, by G. B. Shaw; and *Brave New World*, by Aldous Huxley.

The essays, which must be submitted to Prof. MacMinn, 212 Dabney Hall, by Monday, April 18, will be judged by the English department.

The four men who have written the best essays will give an oral presentation before a group of community judges at an assembly, to be held early in May. For further details see Prof. MacMinn, 212 Dabney Hall.

The match was marked by steady pounding by Hickey, which Hurley's occasional spurts could not overcome. In the second round, Hurley was on the ropes once. But Hurley's rights kept him in the fight right up to the final bell.

Bout three, boxing again, was a match between Fred Smith and Ed Welch which ended in a double knock down and was even more of a farce than originally intended.

The gloves again saw service in the last fight of the show, which saw Hal Martin and Jack Ottedstad fight a three round battle which was tough and fast all the way. Both boys concentrated on jabs to their opponent's head, the only telling body blows coming in a series of clinches in the second round. Ottedstad got the decision when the final gong stopped a still going bout.

### Trampolin Act

The last event of the evening was a trampolin act, which featured a troupe composed of Peg and Pat Johnson, both 14, and Richard and Robert Brown, 10 and 8 years old, respectively. The youngsters, coached by Jack Brown, put on an impressive exhibition of somersaults, twists, and drops onto the bouncing canvass.

## Tomorrow Assembly to See ASCIT Candidates Nominated

## Nominations for Uncontested Offices to Remain Open for Week

### Positions Open for Nine Directors, Head Yell Leader, "Big T," "Tech" Editors and Business Managers

Tomorrow at 11:00 the annual ASCIT Nominations Assembly will be held in Culbertson Hall, for the purpose of introducing the candidates in the ASCIT elections set for Thursday, February 24. Candidates will be announced for the offices of ASCIT President, Vice-President, Secretary, Treasurer, Publicity Manager, Athletic Manager, First and Second Reps, Rally Commissioner, Editors and Business Managers for the California Tech and the Big T, and a

head Yell Leader. The first nine offices listed form the Board of Directors of the Corporation.

## Conger Peace Prize Rules Announced

Rules for the Conger Peace Prize have been announced by Dr. John Schutz. The contest was established in 1912 by Revend E. L. Conger for the promotion of world and industrial peace.

Fifty dollar first and twenty-five second dollar prizes will be offered for the best orations on these topics. Contestants will present their speeches before a student body assembly, to be held later this year.

### Rules

Following are the rules for the contest: 1. Any regular student of the four undergraduate classes may enter; 2. Orations should be the original work of the students competing, without more than an hour's assistance from any faculty member. 3. The time of delivery should not exceed ten minutes. 4. Manuscripts are not to exceed 1200 words and should be memorized. 5. Manuscripts are to be presented to John A. Schutz, Dabney Hall by April 15, 1949.

(Continued on Page 4)

## Soaring and Gliding Club to Organize

Next Tuesday night at 7:30 p.m. in 155 Arms there will be a meeting of all those interested in the formation of a Soaring and Gliding Club here at Tech. At the meeting will be seen some fine color films such as those shown at the Assembly a week ago. But the real purpose of the get-together is to discuss ways and means and membership of the Club. Your ideas are needed in solving the last few but troublesome problems facing us.

If you have any interest whatsoever in this unexcelled sport, drop around Tuesday night. You are certainly welcome.

## Congress Activities Discussed by Y

The Caltech Y Radio Round-table is looking forward to an interesting set of domestic affairs topics arising from the governmental programs being proposed before the new Congress. On Wednesday, Feb. 16, at 9:45 p.m. on station KPPC two or three speakers will discuss the Administration's proposals for a national health insurance program. The question of whether such a program is needed, how comprehensive it should be, its expense, and the views of organized medicine will be covered.

### Future Topics

Future programs will probably include such questions as domestic spending, public housing, future valley authorities, and other such issues up for decision in Washington. The Round-table will continue to do programs on foreign and local affairs topics. The most recent broadcast on Jan. 19 dealt with the Indonesian dispute, while the program before that was on local public transportation problems.

### Speakers Needed

The Round-table is still urgently in need of new speakers for its programs, especially among the lower classmen and Juniors. This radio activity deserves to be perpetuated at Tech and must have leaders in future years. These programs offer plenty of opportunity to develop quick thinking and good speaking ability.

All those interested in participation on programs should contact the Y office, Don Bratton in Ricketts, or Verne Smith or Frank Brady any noon in the Y lounge. Be sure to listen to the program on alternate Wednesday evenings at 9:45 p.m. on station KPPC, 1240 on your dial.

### Interview Schedule

FEB. 15 AND 16—

WESTINGHOUSE ELECTRIC CORP., Los Angeles, Calif. Mr. E. W. Morris, Engineering Manager and Mr. W. G. Wilson, L. A. Manager, Interviewers. Seniors and Graduates in Electrical and Mechanical Engineering and Industrial Design who are particularly interested in electronics, power, industrial design, research or sales. Training program of twelve months duration in the East, but placement thereafter may be any place in the U.S.A. Interview takes place in 309 Dabney Hall both days.

## Tech to Present Bach Cantata

By Victor van Lint

The time has come to see whether it is possible to perform serious music of major proportions by an amateur group such as the Caltech Orchestra and Glee Club. The latter has been working for two weeks on such a work, namely the Bach cantata, *Christ Lag in Todesbanden* (Christ Lay in Death's Dark Prison).

A question to any glee club member will elicit the information that it is a lot of hard work. The rehearsals have been concentrated efforts to work out, part by part, the difficult passages. But all singers agree that the result has been well worth while.

### Female Voices

Those familiar with the work will recognize the need of some singers not now in the glee club, namely contraltos and sopranos. Since the first tenors already are no more than souped baritones, this need will have to be supplied by the real possessors of such voices. Great effort is now being expended toward the goal of annexing such a group to the glee club temporarily. However it is quite probable that the women will be much better trained in

singing than our glee club. Therefore it is imperative that the glee club members turn out in full attendance at each and every one of the rehearsals. The sooner they have their parts perfected the sooner the joint rehearsals can start, and the sooner the first performance can be given.

### New Members Needed

Mr. Lauris Jones, the director of the orchestra and glee club, has said that unless there is a regular attendance of at least twenty-five at rehearsals, the whole idea might as well be scrapped. So let's all get behind him and come to rehearsal every week at 9 promptly. It is not too late for new members to join, but soon it may be.

### Orchestra

The attendance at the latest orchestra rehearsals has been very encouraging. It, too, has been enlarging its repertoire and will soon begin work on the accompaniment for the cantata. For the interest of off campus members and prospective members, whether undergraduate or graduate, a taxi service has been instituted. For information see or call Victor van Lint, Rm. 7, Ricketts.

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THURSDAY, FEBRUARY 10

Concerto Gross No. 3 in E Minor—

Handel, Adolph Busch and Busch

Chamber Players

Quartet No. 6 in B Flat Major—Beethoven, Budapest String Quartet.

Tsar Sultan Suite—Rimsky-Korsakoff

Gregor Fitlerberg and London Philharmonic Orchestra

FRIDAY, FEBRUARY 11

Scapino—A Comedy Overture—Walton

Frederick Stock and Chicago Symphony Orchestra

Suite No. 2 "Indian"—MacDowell

Howard Barlow and Columbia Broad-

casting Symphony

London Again Suite—Coates

Eric Coates and London Philharmonic Orchestra

SATURDAY, FEBRUARY 12

Foster Gallery—Gould

Arthur Fiedler and Boston "Pops" Or-

chestra

Porgy and Bess Excerpts—Gershwin

Lawrence Tibbett, baritone; Helen

Jepson, soprano; Alexander Smallens

and Symphony Orchestra

Afro-American Symphony "Scherzo"—

Still, Howard Hanson and Eastman

Rochester Symphony Orchestra

SUNDAY, FEBRUARY 13

"CONCERT FAVORITES"—2-3 P.M.

La Valse—Ravel

John Barbirolli and The Philharmonic

Symphony Orchestra

On The Beautiful Blue Danube, Valse

Triste, Waltz of the Flowers, Tales

from the Vienna Woods, Howard Bar-

low and The CBS Symphony Orchestra

The Spider's Banquet—Roussel

Charles Munch and The London Phil-

harmonic Orchestra

Morning, Rain and The Rainbow, Moon-

lit Meadows, Parade of the Grasshop-

pers—Prokofieff, Ray Lev, pianist

"STAGE MELODIES"—3-4 P.M.

American Minuet, American Humor-

esque, March for Americans, Ameri-

can Nocturne, American Lullaby, Mer-

edith Willson and His Orchestra

Fantasy for Girl and Orchestra—Phil

Moore, Annette Warren: The Girl;

Phil Moore and His Orchestra

Selections from "Lute Song"

Mary Martin, vocalist. Raymond Scott

and Orchestra

Viennese Memories—Stolz

Robert Stolz and His Orchestra

"MUSICAL MASTERPIECES"—4-5 P.M.

1812 Overture—Tchaikovsky

William Mengelberg and Concerte-

bouw Orchestra of Amsterdam

Hamlet Excerpts—Shakespeare—Walton

Laurence Olivier, actor. William Walton

and The Philharmonia Orchestra

The Enchanted Night—Chopin—Aubert

Louis Aubert and Symphony Orchestra

MONDAY, FEBRUARY 14

The Corsair Overture—Berlioz

Sir Hamilton Harty and London Phil-

harmonic Orchestra

Symphony No. 4 in C Minor "Tragic"

Schubert, John Barbirolli and Phil-

harmonic Symphony Orchestra of New

York

Orpheus—Liszt

Howard Barlow and Columbia Broad-

casting Symphony

TUESDAY, FEBRUARY 15

Fidelio Overture—Beethoven

Felix Weingartner and London Phil-

harmonic Orchestra

Concerto No. 5 in E Flat Major "Em-

peror"—Beethoven, Walter Giesecking,

pianist. Bruno Walter and Vienna Phil-

harmonic Orchestra

Eleven Viennese Dances—Beethoven

Felix Weingartner and London Phil-

harmonic Orchestra

WEDNESDAY, FEBRUARY 16

Tales of Hoffman Excerpts—Offenbach

Sir Thomas Beecham and London Phil-

harmonic Orchestra

Concerto in E Minor—Mendelssohn

Yehudi Menuhin, violinist. Georges En-

esco and Orchestra of Colonne Con-

certs, Paris

The Wise Virgins—Ballet Suite—Bach

Walton, William Walton and Sadler's

Wells Orchestra.

\*By Request

**• DAS BRAUEN**

In a weekend stewn with such Germanic institutions as Skiing and Bier-Trinken, it is only proper that we heave an **ach** here and there.—Und so—

**Bier und Andre**

The Dabney-Ricketts-Fleming-Blacker-Throop-And-Everybody Barn Dance was a six-kegger success. Over three hundred bodies were assembled at the Pat Doherty Estate. Royce became playful early in the evening; began making friends by pouring beer off the balcony. Kyle—a Hibbard-like phantasm peculiar to Dabney—was a bit intolerant as beer sprayed bountifully over his head.

Chas. Shaller and Brad Houser weren't the least put out by not having dates, quickly found Turner's date attached only by an

ionic bond—Shaller reported lots of resonance, however. Williamson regarded Chas. later, asked, "Been eatin' watermelon?"

As the evening developed Roger Picciotto staggered from his bed to spread joy and measles to the world. Shocked to discover Markoff had absconded with his gal, Roger drew out his little black book and turned up with one of the most tastefully-ranged brunettes ever conceived by man. (Let's try that again.)

Boor of the Evening Corbato was informed by the management that the floor was not the proper place to skim off the head on his beer. Speaking of heads, did anyone ever find them?

**Warmetod**

Well into the fourth keg Mono-Brew MacKenzie was buzzing the area on one engine. Even Don Stewart crawled from his hole to survey with jaundiced eye the total depravity of Man. He's now been to one more Bauern-Tanz than his brother.

Fred Wood was losing more hair over "The Bastard"—these Chevies are always running dry. He also turned his ankle in a prairie dog hole, presumably in the last 100-yd. dash to beat the 0200 sidewalk-rolling party at Schimpfes.

Much foam was mistaken for brew while gazing at Ed Welch's sexy redhead. The feminine touch to the evening was provided by Royce, Jr.'s date, affectionately planting good-night kisses on all the bandsmen. Wood's piano playing was demoralized.

Toasts were offered up to the mighty Englar-Coyle team who managed a terrific steak dinner so efficiently.

**Mehr Schuss!**

The dying gasps of the most colossal of colossal Barn Dances awoke po' Sue; Crud Alley was galumphing spasmodically until about six.

**Schuss!**

Arrowhead skiers were ap-

(Continued on Page 4)

**Who Dealt This Mess**

By Carl Fox

It has been said that one of the greatest sources of unrealized wealth in the United States is the penalty double of overcalls at the level of one or two. Yet that source remains untapped by the majority of partnerships, for the simple reason that they can never tell when to double, since there is seldom enough strength in one hand to make the set a certainty.

In order to be able to cash in on the opportunities which are being offered you every day, it is necessary to readjust the thinking of your partnership. Arrange to treat all low level business doubles on a tentative basis. This permits the making of a "proposal to partner" type of double. As an example, suppose that you, sitting South, face this situation. North opens One Spade, East overcalls with Two Diamonds, and you hold:

S 8  
H K 9 8 5  
D J 9 7  
C A Q 8 7 5

What now? Two Hearts? I hope I'm playing against you! Three Clubs? And just what do you expect partner to do now?

Your hand contains too many values to pass and yet you have no decent bid available. Now if you can announce your values by doubling, without fear that partner, holding a worthless defensive hand, will pass, then you are in a fine position to further ex-

(Continued on Page 4)

**The Front Burner**

We were hilariously entertained the other evening at the Biltmore Theater with Garson Kanin's comedy "Born Yesterday". It is well considered top in the modern theater.

The play is what might be called an American "Pygmalion"—but of course there are the inevitable social and political implications. Fortunately the message is well trampled on by humor and farce—so much so that we quite forget just what the moral of the story might have been.

**Chaney Shouts**

We were completely astounded by Mr. Chaney's continual shouting and wonder just how he managed to match his volume with the color of his socks. With only two exceptions, the supporting cast did very well.

**Support**

Notably lacking in whatever it takes to be convincing were Carroll Ashburn as the Attorney, and Hans Robert as the Senator. Particularly fine was Scott McKay as Paul Verrall, the news-paperman who has the distracting job of enlightening Miss Parker.

—J. D. Y.

## Lilly Interhouse Trophy To Be Offered To Tech Skiers

Here is your chance to get into a ski meet, even if you have never tried it before. This race is the first of two races that decides which of the student houses or Throop Club can hold that prized trophy, The Lilly Interhouse Trophy, for the coming year. Last year, Ricketts House took this trophy quite easily, but the contest this year is expected to be a close one.

The date set for the first race is Sunday, February 20. The time and place to report for racing instructions is 10:30 at the Penguin (which is the warming hut at Snow Valley).

In case you haven't seen this treasured trophy, why not drop around to Ricketts Lounge some time. With the permission from a UCC you may even touch it! Notice especially the vorlage, and how relaxed The Beaver is as he is about to make a Ruade.

### Improvement

Forgetting the physical features of the Beaver for a moment, let us consider its underlying significance. This trophy was presented to the Interhouse Committee on behalf of Mr. and Mrs. R. C. Lilly. The purpose of this presentation was to improve the general level of ability in the actual technique of skiing among the undergraduate students of Caltech.

### SCIC STANDINGS

	W.	L.	Pct.
Whittier	5	0	1.000
Redlands	3	2	.600
Caltech	2	3	.400
Pomona	2	3	.400
Occidental	1	5	.167

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(Continued on Page 4)



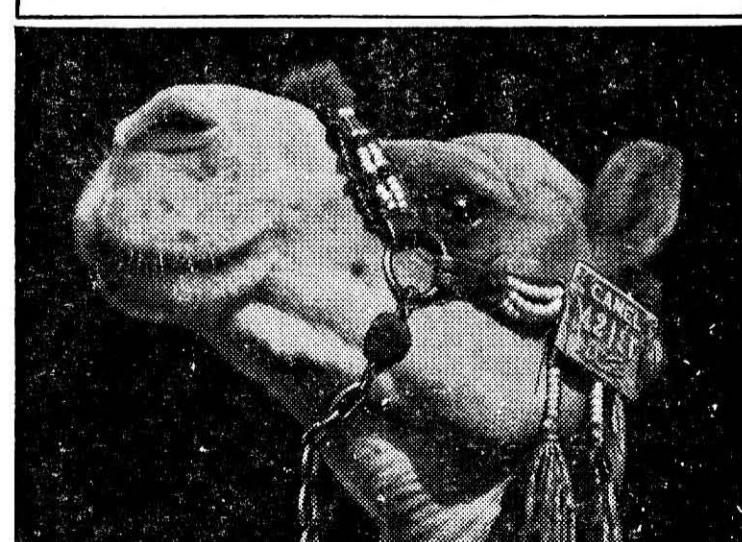
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\* of 327 Burroughs Dr., Snyder, N.Y.

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## Tech Battles For Second Place Spot

When Carl Shy and his cagers travel to Redlands this Friday night, they will need a win to maintain a tie for second place in the conference standings. In their last meeting, the Beavers upset the highly favored Bulldogs by a 53-40 win.

The Engineers will have to go all out to beat a revenge seeking Redlands five. But Tech should walk off the floor with a win after the final whistle. In their last three conference games the Beavers

have been going great guns, knocking off Oxy and giving both Pomona and Whittier bad scares.

Saltman, Kreutzberg

The two men to watch are Warren Kruetzberg and Paul Saltman. A duel between these two high scoring centers is certainly to develop during the course of the game. Probably Saltman has the edge in view of his better than 18 points per game scoring record. In the other departments both squads are about even, except for much greater height on the Tech team. This height beat the Bulldogs way back in January and is going to be a deciding factor tomorrow night.

### Support Shymen

One thing the Shymen are going to need is a lot of support from the local fans. Let's have a big turnout to out shout that howling mob which is always in the Bulldog stands.

### Frosh Game

In the preliminary Ed Preisler and his suddenly gone wild Frosh will be gunning to upset the flashy and undefeated Redlands Bullpups. Remember basketball at Redlands on Friday night; Frosh at 6:45, Varsity tip-off 8:15.

### Lineups:

Redlands	Caltech
Rosenberger	Bowen
Parker	Bass
Kreutzberg	Saltman
Stanley	Cox
Waters	Montgomery

## Frosh Sports Roundup

By Leon Michaelson

The Little Beavers caught fire. It'll be quite a while before the boys from Whittier forget Patapoff, Granger, Grey, and the rest of the Frosh basketball squad. It seems we remember a little gridiron incident of last fall that called for revenge. It seems we remembered only too well. The Poet's gym scoreboard blared out through the smoke of the final gun: Caltech, 68, Whittier 53.

### Patapoff Stars

The local basketeers had a hard time finding the basket at first and trailed 31 to 27 at the half. But from then on it was Tech's game with Harry Patapoff leading the barrage with seventeen points in the second half to bring his game total to 25. Vance Granger played a magnificent game at center, sparking the Techmen's first half scoring with 11 points while boosting it to 19 for the evening. Norm Grey, in his first game at guard, cut loose for an inspiring 14 point total to help put the game on ice.

With regulars Don Tautz and Burt Snider sidelined with leg and ankle injuries respectively, the Baby Beavers travel to Redlands Friday. Last minute developments have given us reason to believe that the squad is doomed for more mishaps yet. We've heard that Grey is ailing from a lip injury received in the last game, Granger has contracted the flu, and Don Stewart has been

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