

California Institute of Technology

Thursday, May 19, 1949

Volume L.

Glee Club And Orchestra To Present Concert Tomorrow

Culbertson Scene of Combined Spring Recital
Miss Mary Lehigh Featured As Guest Soloist

Tomorrow morning at eleven o'clock, the Caltech Glee Club and Orchestra will present their Spring Concert. The two student organizations, with a combined membership of some fifty musicians, will be joined by Miss Mary Lehigh, guest soloist of the day.

With Lauris Jones conducting, the orchestra will open the program with the "G Minor Fugue" by Bach. This will be followed by the "Bohemian Polka" from "Schwanda" by Weinberger, and, later in the program, Morton Gould's "American Salute."

Two Numbers

The Glee Club is scheduled to sing two numbers. First will be Schuetky's "Send Forth Thy Spirit," and the second number is an unusual piece of modern choral music by Walt Whitman and G. T. Holst entitled "A Dirge for Two Veterans."

Piano Solos

Mary Lehigh will be guest soloist on the program. An accomplished pianist who has played many concert and radio engagements, Miss Lehigh made her debut here in Pasadena with the Civic orchestra some twelve years ago. After studying under Olga Samaroff-Stokowski in the East, she returned to the West Coast and has made most of her recent appearances in this region.

Miss Lehigh will play the first movement from Robert Schumann's "A Minor Concerto," with the Orchestra accompanying her. She will follow this with three Bach transcriptions. They will be: "Organ Prelude in G Minor," "Jesu Joy of Man's Desiring," and "Jesu Christus Gotes Sohn."

Duet

Turning back to local talent, the program will also include a cello duet played by Blouke Carus and Bill Haefliger. They will play the first two movements of a sonata by Henri Eeles.

The program will be presented in Culbertson Hall. No reserved seats.

Housing

The Housing Office would appreciate any listings of houses and apartments to be vacated by students, for the benefit of incoming students. Please come to the Housing Office, Room 112, Throop Hall.

Newman Club To Sponsor Lecture

Reverend John Ryder, S.J., of St. Andrew's Russian Church will speak on Christianity and Russia on May 24, next Tuesday, at 7:15 p.m. in 208 Dabney.

The talk is sponsored by the Caltech Newman Club. Everyone is welcome.

Pre Registration

Pre-Registration for the fall term will be held in Room 119A Throop for only seven days beginning May 19 to May 27. All students who expect to return to CIT next fall must pre-register during these dates.

Campus Calendar

THURSDAY, MAY 19—
12:00 Y Upperclass Lunch Club
12:15 Throop Club Meeting
7:15 ASCIT Board of Directors Meeting in Lower Fleming
7:45 Dancing Class in Culbertson

FRIDAY, MAY 20—
9:00 Golf Conference Varsity Tournament at Whittier
11:00 Glee Club-Orchestra Assembly in Culbertson

1:30 Tennis Varsity and Frosh Conference Tournament at Redlands
Tau Beta Pi Formal Dance in Dabney Gardens

Blacker Informal Open House

SATURDAY, MAY 21—
9:00 Tennis Varsity and Frosh Conference Tournament at Redlands
2:15 Baseball Varsity vs. Oxy at Tournament Park, Frosh vs. Oxy at Oxy

ASCIT Student-Alumni Gym Benefit Dance at the Altadena Country Club

SUNDAY, MAY 22—
Ricketts Picnic
Blacker Beach Party
7:30 Frosh Muscale in Dabney Lounge

TUESDAY, MAY 24—
12:00 Y Frosh Lunch Club
7:15 Newman Club Meeting in 208 Dabney

McCrery To Be New Teacher Of Public Speaking

All public speech courses at Caltech will be taught by Lester McCrery of the University of Washington, beginning next year, it was announced by the Humanities department recently.

Engineering Conference and Debating will be among the courses to be under the direction of Mr. McCrery.

Research

He will also succeed Dr. John Schutz as Caltech debate coach. Dr. Schutz has expressed the wish to devote more time to historical research and to teaching.

"A Barbadian Chronicle," published last week by the University of California Press, is one of the several recent historical works to which Dr. Schutz has been a chief contributor. The book is a series of essays on West Indian life, particularly concerning the slave and Negro. Dr. Schutz is currently preparing a series of essays on British Humanitarianism.

Regret

He has expressed his regret that lack of time entails his dropping his work with the debaters, and his best wishes to Mr. McCrery in his capacity as new Debate coach.

Mr. McCrery has been a teacher at the University of Washington since 1943; he received his MA at the University of Washington and is now working at the University of Southern California for his doctorate degree.

During the war, he taught Army Air Force Cadets and Boeing Aircraft employees public speaking.

Ricketts To Hold Beach Party, Picnic

Sunday will again find Ricketts men and their dates at the ocean enjoying another popular beach party.

The party, to be held at an undisclosed location, will feature hamburgers cooked over open charcoal fires to go with ample portions of potato chips, pickles, olives, potato salad and a beverage.

The outing promises lots of fun for everyone with relay games, swimming, and surf riding contests to occupy the early afternoon while those who come to eat and sleep can relax under the warm sunshine.

Explanation
The tour began with an explanation by Mr. McOuat of the early history of the harbor development. He then traced the development of both harbor facilities through the years from the construction of the first breakwater extending from Point Fermin, up to the present advanced stages.

The Student Chapter members had the chance to see many interesting phases of the harbors and their environs, such as the two types of breakwaters extending in three sections for over eight miles parallel to the shore, the piers, turning basins and graving docks, floating dry-docks and dredging operations.

Impressive

The entire area is an impressive and interesting development which represents the work of many years and the expenditure of many millions of dollars.

It was an afternoon well spent, and an excellent finale for the active schedule of field trips which have been sponsored this term by the Student Chapter.

Purpose
The purpose of the Instituters is to render service to the student body and to the school wherever the need arises. There are always details in connection with student body activities which put a sizable burden on the person handling them. By assuming the responsibility for getting some of these details out of the way, we feel that we would provide more time for the person in charge to devote to this activity, and so insure better coordinated student body activities.

Share the Load

Whenever a service organization like the Instituters is at hand, there will be a tendency to push much of the work onto their shoulders. To be handled effectively, this work will have to be done either by a few men contributing much time and effort, or by many men working together for a short time. In the past, most of the work has been done by a few men who were willing to work hard and give up a lot of their time and efforts

for you. It is part of our purpose to try to spread the responsibility more evenly among the members of the student body. For this reason we would like everyone to be a member whose time is not completely taken up by school and other student activities. In our drive next fall, we want to make the membership of the Instituters as large as possible.

Big Student-Alumni Dance To Swell Fund For New Gym

Boost In ASCIT Dues Passed By Large Majority

In a light vote last Friday, Tech students decided they could afford more money for student body activities next year. 346 stalwarts ventured to the polls to authorize a dues increase of \$2.50 next year, with 267 casting affirmative votes, against 79 ballots opposing the raise.

Out of It

The Friday date, plus justifiable indifference on the part of the Seniors, kept the vote lower than it was expected in a question of this importance. However, it is still apparent that some Techmen just don't seem to worry about what is going on around them.

Relief

Most of the increase goes to the ASCIT, for much needed relief in publishing the BIG T, and for Social events and Athletic awards.

Blacker's Spring Formal Success

Despite the foreboding weather last Saturday, Blacker's Spring formal was a success. Decorations were up to the usual high standards and the music by Vern Rowe was really mellow. An outstanding contribution to the success of the evening was Art Miller's display of tact (?) in convincing the sax player that the rain would not blur his arrangements. Miller again came to the rescue by pouring boiling water in the frozen punch to save dispensing it with an ice pick.

Beach Party

In hopes of better weather this Sunday, Blacker plans to have its first beach party of the year at Emerald Bay. Due credit goes to Peter Howell for making the arrangements for use of the beach.

Muscale

The Muscale will elect officers for next year on Tuesday, May 22, at 12:30 in Dabney Lounge.

Instituters

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How to Get Help

The operation of the Instituters is extremely simple. Requests for service are made to the chairman or vice-chairman, who decide whether or not the request is in accordance with the purpose of the organization as stated in the constitution. There will be no help extended to any small group, or in connection with any activity not beneficial to the entire student body. The chairman distributes the work as evenly among the members as possible.

Join the Instituters

Remember that there is no requirement for joining the Instituters other than declaring your willingness to serve the school and your intention to respond to a reasonable number of requests throughout the year. How about stirring up some of that school spirit they are always talking about? Join an organization that gets things done!

Eddie Miller's Band To Provide Music; Dress To Be Sport-Informal

Altadena Town And Country Club Scene Of Final ASCIT Dance, May 21

Students, alumni, and their friends are asked to come to the Gym Dance Saturday in as sporty attire as possible. This includes such favorites as slacks and saddle shoes, Hollywood shirts, etc. The keynote of the evening is informality and leisure.

To this end the entire ground floor of the Altadena Town and Country Club has been reserved, and Eddie Miller's band has been engaged to play for the dance.

Memorial Service Pays Tribute To Col. Goldsworthy

Gathering in Dabney Lounge last Monday afternoon, members of the student body and faculty expressed their sense of loss and their appreciation of the achievements of the late Colonel E. C. Goldsworthy, master of Student Houses.

Participating in the short thirty minute memorial service were Ralph Lovberg, representing the student body; Dr. Morgan Ward, speaking for the Mathematics Department and the faculty, and as a long standing friend of the colonel; and Paul Saltman, who spoke as past chairman of the Interhouse Committee.

Biographical Sketch

Opening the service, student body president Lovberg told of the student body's reactions to the Colonel and his policies, and supplemented his remarks with a short biographical sketch. Dr. Ward, a close personal friend of Colonel Goldsworthy since their boyhood, spoke in that capacity, and included in his remarks a reading of a favorite passage of the Colonel's taken from the first epistle to the Corinthians.

Paul Saltman further amplified the discussion of student house policies by mentioning the appreciation the Interhouse Committee had always felt for the Colonel's attitude that the Houses should be largely self-governed, and their realization of the difficult role the Colonel played so well.

Benediction

Following these remarks, Wes Hershey ended the service with a meditation and benediction. Musical selections opening and closing the memorial service were provided by pianist Dick Buck, who played several hymns and Bach's prelude to the Chorale "Jesu, Joy of Man's Desiring."

ASCE Chapter Wins Certificate Of Merit

The final formal meeting of the year for the Student Chapter of the ASCE will be held in 208 Throop, at 11:00 a.m.

Certificate

This will be the close of a very successful year for the Student Chapter, which has just been informed by Wm. N. Carey, executive Secretary of the ASCE, that it has been recommended to receive commendation for excellence in the effective and meritorious conduct of its affairs. This is the first Certificate of Commendation awarded to this Chapter, and is an accomplishment of which the outgoing officers are very proud.

Junior Membership

Several important items are on the agenda for this meeting, including the distribution of forms to the graduating senior members which may be used in applying for junior membership in the ASCE. Outgoing President Chuck Forester will relinquish his gavel to the newly-elected President, Max Kreston, thus placing in the new officers the

(Continued on Page 4)

Notice

Beginning today, students will be allowed to advertise items for sale on the bulletin board in lower Throop. Such items must be submitted on neat three-by-five cards or the equivalent to the box in Public Relations Office in lower Throop; they will be posted for one week only, but may be renewed on request. It is hoped that you will avail yourself of the opportunity.

Shore Winner Of McKinney Contest

Final presentations of the McKinney Prize Contest Essays, saw Bernie Shore winning first place with Irving Krumholz taking second honors.

Characterized by a uniformly optimistic view of "The American Way of Life—A.D. 2000," and generally assuming a far reaching extrapolation of present day trends, the speakers foresaw vast changes in the American social structure. The general excellence of the essays and their presentation made the final decision a difficult one for the judges.

Prizes

The first prize is a sum of \$50, second place receives a \$25 award. Copies of "Bartlett's Familiar Quotations" were presented as awards to the two runners-up, William Pyle and Robert Stubbins.

The California Tech

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Mr. James A. Hummel
Editor, The California Tech:

Honor Code Violations

(This is the second in a series of three articles to appear in the California Tech).

The Chairman of the Board (Vice-President of the ASCIT) first investigates all the evidence presented to him. He talks to witnesses of the violation; he compares examination papers in cases in which copying is suspected or lab. reports suspected of being done with unauthorized collaboration; and he examines the man's record at the Institute.

If, after a thorough investigation there seems to be absolutely no evidence to justify trial proceedings, the chairman dismisses the case and **no record is kept**.

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In next week's article, we will present a sample case from the records, withholding, of course, the names of the people concerned.

D. B. Mackenzie, Chairman, Board of Control.

CAMPUS BREWINS**The Limp Beak**

With commendable diligence and imagination the Blacker beavers set up a fine outdoor formal setting Saturday and patiently awaited rain. The rain forebore, on supplications from Arcand, and the dance went on, but cold: Vern Rowe's vocalist and Boyd Gage's perennial dancing partner shivered in coats, but other dancers just appreciated the cold and danced closer; Hendrickson, when seldom seen on the floor, was smothering his small Orientalish women in a modified full nelson—no doubt the effort to keep her warm.

Curry was in a dark corner with some campus secretary, as was Heath with Nancy, but Heath's engaged! So also (finally) is Floyd Humphrey, to whom, according to our custom, we offer no congratulations but merely shrug and wipe away a tear.

Cuse's date spent a large part of the evening with Hildebrand (Continued on Page 4)

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THURSDAY, MAY 19

A Program of Chamber Music

QUARTET IN F MAJOR, by Ravel. Pro Arte String Quartet (7).

TRIO No. 7 IN B FLAT MAJOR (Archduke), by Beethoven. Artur Rubinstein, pianist. Jascha Heifetz, violinist. Emanuel Feuermann, violoncellist (35).

QUINTET FOR CLARINET AND STRINGS (K. 581), by Mozart. Reginald Kell, clarinetist and the Philharmonia String Quartet (30).

QUARTET No. 3 IN D MINOR, by Mendelssohn. Stradivarius String Quartet (20).

FRIDAY, MAY 20

Weekly Feature Program—Music of Bach

SATURDAY, MAY 21

ANDREA CHENERI, by Giordano. Soloists, Chorus and Orchestra of La Scala, Milan, conducted by Oliviero de Pirofis.

MONDAY, MAY 23

HUSITKA—OVERTURE, by Dvorak. Boston "Pops" Orchestra conducted by Arthur Fiedler (12).

SYMPHONY No. 3, by Bax. The Halle Orchestra conducted by John Barbirolli (44)..

BENNO MOISEIVITCH, Pianist.

CONCERTO No. 2 IN G MINOR FOR PIANO AND ORCHESTRA, by Saint-Saens. The Philharmonia Orchestra conducted by Basil Cameron (23).

SONATA IN G MINOR, by Medtner (16).

TUESDAY, MAY 24

ACADEMIC FESTIVAL OVERTURE, by Brahms. Concertgebouw Orchestra of Amsterdam conducted by Willem Mengelberg (11).

SYMPHONY No. 36 IN C MAJOR (Linz) (K. 425), by Mozart. London Philharmonic Orchestra conducted by Sir Thomas Beecham (28).

FRIEDRICH KREISLER, Violinist.

CONCERTO IN D MAJOR FOR VIOLIN AND ORCHESTRA, by Brahms. London Philharmonic Orchestra conducted by John Barbirolli (36).

COPPELIA BALLET SUITE, by Delibes. Royal Opera House Orchestra of Covent Garden conducted by Constant Lambert (32).

LIEBESTOD FROM TRISTAN AND ISOLDE, by Wagner. NBC Symphony Orchestra conducted by Arturo Toscanini (5).

WEDNESDAY, MAY 25

THE BRONZE HORSE—OVERTURE, by Aubert. London Philharmonic Orchestra conducted by Constant Lambert (8).

SYMPHONY No. 2 IN C MINOR (Little Russian), by Tchaikovsky. Cincinnati Symphony Orchestra conducted by Eugene Goossens (30).

GLADYS SWARTHOUT, Mezzo-Soprano

THE PLANETS—SUITE OF SEVEN TONE POEMS, by Holst. B.B.C. Symphony Orchestra conducted by Sir Adrian Boult (47).

DON JUAN—SONG OF THE NIGHTINGALE, by Napravnik. La Scala Orchestra conducted by Ettore Panizza (5).

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D. B. Mackenzie, Chairman, Board of Control.

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Beaverbabe Splashes Cop Conference Title

Tankmen Take Six Firsts With Little Trouble; Barmore, Keepes, Weil All Star

After a season of undefeated conference competition, the Frosh swim team went on to take the conference championship last Saturday. Little trouble was expected in winning and none was had.

The frosh tankmen took all but three first places. Oxy, Redlands, and Pomona split these three; the diving, breaststroke, and 440 yd. freestyle.

Close Race

Most exciting race of the meet was the 50 yd. sprint, with all three entrants finishing in a dead heat. Bill Barmore was judged the winner by an inch, while Bruce Keepes tied for second. The 100 yd. freestyle was also close. Keepes won the event and Dick von Herzen finished a body length behind him for a third.

Easy Win

Jesse Weil swam the backstroke event for the second time this year, and won it with ease. Oxy is the only school which we have competed against in this event in dual competition. Weil also took a third in the 440.

Coming from behind in last three laps, von Herzen swam to a clear victory in the 220. This is Dick's first year of competition, yet he ranks with any of the more experienced swimmers. John Cagle did his bit with a second in the 200 yd. breaststroke and swam in both relays.

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Oxy Waterboys Annex Title As Beavers Second

While winning the conference swimming meet last Saturday, Oxy had themselves a field day. Winning all but one of the gold medals and setting 5 new meet records, Oxy managed to gather 87 points to Tech's 44, Pomona's 23 and Redlands' 10.

From the start of the prelims on Thursday it was apparent that this was Oxy's baby and that all the other schools could do was their best. In the very first race on Thursday Evans of Oxy set a new meet record of 2:25.0 in the 220, lowering the old mark by half a second. In the same race Libbey bettered Tech's school record but it is unofficial. Libbey had better luck in the 100 free. He won his heat at 56.8 and there were enough watches to make it an official

(Continued on Page 4)

Tee-Men Tee Off; Beavers Mistified By Pomona Mist

Friday afternoon at the Los Serranos Golf Course the Pomona Eskimos swamped the Tech "Golfers" in an SCIC match. The weather was wet, cold and generally poor, but it apparently had no effect on Pomona as they romped through to their 5th conference win in six starts, having tied Whittier.

The local exponents of the hook and slice (let the other guy use the fairway) couldn't quite seem to get their frozen limbs loosened up and consequently were able to earned only three out of a possible eighteen points. Pomona seemed in rare form as they recorded only one score above 79. The loss dropped the engineers from their second place slot to third.

Undaunted by the loss the linksmen travel to the conference tourney next Friday at Ha-cinda. You can be assured that they are going to put everything into bringing home that big trophy.

The team finished the regular season with a record of three wins and three losses.

Pomona Nips Tech In 11th, 3-2, On Error

After the Sagehens had pulled every trick in the book, an error gave Pomona a 3-2 victory over the favored Engineers in the 11th inning out at Claremont last Saturday. This was third loss against three wins for the Beavers in conference play.

Petrulas

As usual the Preisler men had trouble hitting the ball. Petrulas was the only one who seemed to see the ball; getting two for four. Those two slingers Norman and Stalkamp surprised the fans by getting only one hit between them.

The game was a crucial one for the Beavers because a win would have given them a crack at the league title. Now they can only hope for a tie with the Whitier Poets.

This Saturday Bill Anderson brings over his fast improving Oxy Tigers to face the Engineers at Tournament Park. A victory for the Beavers would indeed be sweet revenge after losing to an eighth inning rally 6-4. If the lads are up for the game they will really be an exciting team to watch. Box:

	A	B	H	O	A	Pomona	A	B	H	O	A
Patt's,ncf	4	2	0	8	Hough,3b	4	2	0	8	2	0
Pfeifer,3b	5	1	3	2	H'b'ner,ss	5	2	0	6		
S'k'mp,2b	5	0	6	1	D'mson,lb	4	2	0	6		
N'r'mn,ss	3	1	2	8	Aguirre,rf	5	0	17	9		
Mor'son,cf	4	1	0	2	Do L'ne,2b	5	0	0	3		
Kam,rf	4	0	2	0	Do L'ne,cf	4	0	0	3		
Petrulas,c	4	2	5	0	Miller,rf	4	2	0	4	1	
N'v'mn,lb	3	0	10	1	Shaw,rf	4	0	0	1	0	
H'drick,p	3	1	0	1	Brown,p	4	1	2	2		
<hr/>											
Totals	35	6	31	14	Totals	38	8	33	20		
One out when winning run scored.											
Caltech											
Pomona											

Errors—Neverman, Stalkamp, 2; Hedrick, H'berner, Salomon, Miller, Brown, 3; Base Hit—H'berner, 2; Base Hits—Norman, Hedrick, Hough, De Leo. Sacrifice—Hough, Morrison, Kam. Bases on Balls—Off Hedrick, 2; Brown, 6. Struck Out—By Hedrick, 2; Brown, 1. Stolen Bases—Norman, Damson, D'Eleo. Double Plays—Patterson, Norman; Neverman, Stalkamp, De Leo. H'berner, Brown, Damson.

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Caltech, Pomona Tennis Co-Champs

First Net Title For Beavers With 7-1 Record Conference Tourney Starts

The Engineer varsity netters rang down the curtain last week on one of the most successful seasons ever enjoyed by a Caltech tennis team. By virtue of a 6-3 victory over Oxy in their last league contest, Coach Johnny Lamb's racquet-wielders became 1949 co-champions, with Pomona, of the Southern California Conference.

Tournament

Tennis activity concludes with the conference tournament at Redlands tomorrow and Saturday. Sid Stone and Ed Alexander are entered in the singles, and team with Larry Nobles and Jack Martin, respectively, in the doubles competition.

The Oxy match found Tech winning four singles and two doubles contests. Ed Alexander downed Moore of Oxy by the score of 6-2, 1-6, 6-3. Larry Nobles outclassed Lassbury in straight sets 6-2, 6-2. Jack Martin defeated Mauller in a long tussle by a 6-8, 6-2, 6-4 count. Jack

S.C.I.C. Tennis Standings (Final)		
W	L	Pct.
Caltech	7	1 0.875
Pomona	7	1 0.875
Whittier	3	5 0.375
Redlands	3	5 0.375
Occidental	10	8 0.000

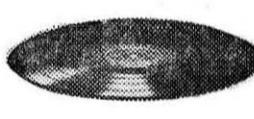
Poindexter was in top form as he handed Fulton a 61, 6-0 pasting. In the doubles events, Stone and Nobles defeated Lassbury and Mauller, 6-3, 8-6, while Poindexter and Thorne Butler came through by a 9-7, 6-0 score.

Losses were chalked up when Oxy's Jack Simpson dropped Sid Stone 6-0, 6-2, and Schauer edged Don Schmid 2-6, 7-5, 6-2. The duo of Simpson and Moore defeated Tech's first doubles team of Alexander-Martin by scores of 6-4, 6-2.

1949 C.I.T. GRID SCHEDULE

*Sat., Sept. 24—	To Remain Open
Arizona State at Flagstaff	
*Sat., Oct. 1—	
La Verne at La Verne	
*Sat., Oct. 8—	
Whittier at Rose Bowl	
*Fri., Oct. 14—	
Caltech Frosh vs. Whittier at Whittier	
Sat., Oct. 15—	To Remain Open
Sat., Oct. 22—	Pomona at Rose Bowl
*Fri., Oct. 28—	Occidental at Rose Bowl
Sat., Nov. 5—	To Remain Open
*Sat., Nov. 12—	Redlands at Redlands
Sat., Nov. 19—	Cal Poly at San Dimas
*—Night games.	
*—Frosh Preliminary.	

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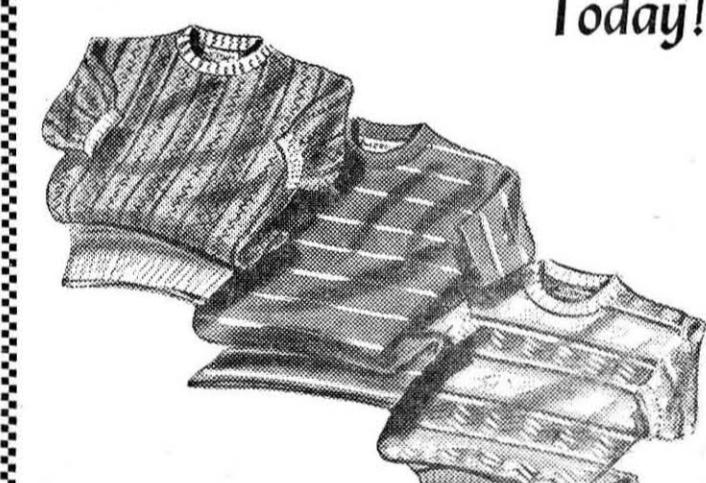
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CAMPUS BREWINS

(Continued from Page 2) and date in H.'s room listening to classical music, while Cuse looked on and mused dark, neanderthal thoughts. Brington, wallowing happily in his second childhood, was noted calling his Sweet Sixteen from Westridge Grade School when Bigenough have into view and snatched the phone away and blithely proceeded to give the girl a piece of his mind—we are relieved he feels he can spare. Society note: Brington will be present in force at the Westridge Spring Formal.

Beach Beak

The webfeet faction of Dabney, having been guaranteed (by Corbato) a sunny day for their Sunday trek to Emerald Bay, donned rubbers and mackintoshes and bullheadedly braved the elements. Corbato must have spun the prayer wheel Saturday night (he is noted for his wheel-spinning talents) for the only spot on the whole coast that was blessed with sun that day was Emerald Bay, as Roy Gould's sun-burnt and bow-legged presence verify. The lemmings, it is true, protest that they also found sun above Malibu, and present Stowe as evidence, but unfortunate residents of the Houses that day cursed the rain and were forced against their collective will to snake. A moment of silence . . .