



A few of the trophies distributed at the Spring Awards Assembly. Note the newly reorganized R. P. Lighthouse Memorial Wall Socket Award in the rear.

Snake, VR, and TBP Frosh Awards Given At Assembly

In a two-hour program yesterday at Tournament Park, honor awards and sports awards for the school year were presented to the lucky recipients. Blacker took the Snake and Dabney the Varsity Rating trophy, while Dabney's John Eyler became Frosh of the Year.

The first awards, honor keys and certificates, were presented by Randy Cassada, ASCIT President. Next Emcee Dr. Huttenback presented the Goldsworthy Interhouse Scholastic Achievement (Snake) Trophy to the House with the highest overall GPA, Blacker. Blacker retains the trophy from last year. Paul Swatek then announced the "most well-rounded," Tau Beta Pi Outstanding Freshman John Eyler.

Sports Awards

Beginning the sports awards was Coach Preisler, giving away the Vesper Basketball Trophy to a member of the varsity squad who demonstrated sportsmanship, improvement, moral influence, and scholarship (as determined by a vote of varsity players): Volker Vogt. Also announced were next year's co-captains, Dennis McCreary and Doug Holford. Coach Jensen an-

nounced the winner of the Carl Shy Basketball Trophy (for frosh), Gray Jennings, also captain this year of the frosh team. In the opinion of a selection committee, the winner showed spirit of competition, teamwork, ability to improve himself above his physical limitations, and attitude.

Then Coach Emery announced that the members of the varsity swimming team had selected Ted Jenkins as winner of the Campbell Swimming Trophy, on the basis of sportsmanship, ability, and improvement. Jenkins will also be captain next year. Doug Gage, winner of the Goldsworthy Track Trophy, for sportsmanship, team spirit, and proficiency (ability and effort) as decided by the varsity team; and Ken Brown, last year's winner and present team captain, were announced by Coach LaBrucherie.

Tennis

The winner of the Scott Tennis Tournament, open to members of the varsity and frosh squads and other eligibles, was then revealed by Coach Lamb to be John Hoshor.

For the varsity baseball team Coach Preisler gave the Alumni Baseball Trophy, for sportsmanship, moral influence, ability as a player, and individual improvement, to Gary Dahlman, also

present team captain. Also announced were the two 1964 all-conference selections, Dahlman, first team shortstop, and Tom Resney, second team outfielder. The John C. Petersen Freshman Baseball Trophy was then given to the most valuable player (according to teammates) Chuck McQuillan, also team captain, by Coach Jensen.

Coach Nerrie next presented
(Continued on page 4)

All Elections Finally Over

After much hectic campaigning and many runoffs, the class elections are over. Leading the senior class next year will be president Guy Jackson, vice-president Doug Josephson, treasurer Gary Scott, secretary Steve Garrison, and athletic manager Bob Scott.

For the juniors there are president Doug Holford, vice-president Walt Davis, secretary Pat Miller, treasurer John Vitz, and athletic manager Andy Kampe.

The class of '67 chose Doug Eaton president, John O'Pray vice-president, Arlin Peters secretary, Robert Miller treasurer, and Bo Barbosa athletic manager.

The new members of the Board of Control are Ed Robertson, Blacker; Sean Solomon, Dabney; Walt Davis, Fleming; Steve Watson, Lloyd; Del Levy, Page; Steve Lipshie, Ricketts; and Gary Bornzin, Ruddock.

Bobby Kennedy To Visit Caltech June 8

BY ANDY BEVERIDGE

Robert F. Kennedy, Attorney General of the United States, will visit Caltech Monday, June 8. Kennedy will make at least two appearances in two different scheduled programs. At 4 p.m. he will participate in an informal question and answer session with the undergraduates. In the evening R.F.K. will deliver an address in Beckman at 8:30.

The 4:00 program will be conducted by the YMCA and will be patterned after similar events in the past. Kennedy will kick off the period with a ten minute talk, then will field questions posed by the students in the audience. Professor Rodman W. Paul, who arranged for Kennedy's visit, said that the Attorney General has conducted this type of program in many colleges in the U.S. and really enjoys it. It is hoped that this will be primarily for students.

Beckman Address

The address at night in Beckman will be much more formal, with Kennedy giving a regular speech. Because of the overwhelming number of people who wanted tickets, chairs will be set up outside with loudspeakers to pipe the talk from the auditorium. R.F.K. probably will

Scott Captures Conger Prize

Gary Scott was awarded \$50 as first place winner of the 53rd annual Conger Peace Oration contest held in Winnett Lounge May 20. His speech was titled "Nationalism and Peace: The Incompatibles."

Second place winner was Tom Latham, who received \$25 for his speech "The Impact of Population Growth upon World Stability."

Judges for the contest were Dr. Beach Langston, Associate Professor of English; Dr. Robert P. Sharp, Chairman of the Division of Geological Sciences; and Mrs. Grace Gertmenian, President of the Board of Westridge School.

This contest, an annual event at Caltech since 1912, was established through the generosity of the Rev. Everett L. Conger for the development of concern for world and industrial peace and for the promotion of interest in public speaking.

personally address this group shortly either before or after the major speech. Besides this, if any seats in Beckman are not taken before the speech begins, anyone waiting outside will be able to occupy them. If any tickets are not going to be used they should be turned into the bookstore, so someone who wants to go will have a seat.

Old Dominion Foundation Grant Supports Humanities Research

The Old Dominion Foundation has given Caltech \$500,000 for the support of research in the humanities, Dr. DuBridge announced last week. The grant will establish an endowment fund whose income will be used to provide humanities professors with paid leaves of absence for study at other institutions both here and abroad.

"The endowment meets a very special need at Caltech," DuBridge said. "Our humanities division is devoted primarily to teaching; but the best teachers in the humanities, as in other fields, are as a rule deeply committed to scholarly research. To attract and hold such teachers we must encourage and reward research, and that is exactly what Old Dominion Foundation is helping us to do."

Strong Humanities

DuBridge pointed out that the foundation's grant would help to sustain the strong current of interest in the humanities among both students and faculty at Caltech. "The Institute pioneered in emphasizing the importance of the humanities in technical education," he said. "As early as 1921 it established the requirement that at least twenty-five per cent of every undergraduate's classroom time be spent in the study of English, history, philosophy, economics, and languages."

Dr. Hallett D. Smith, chairman of the humanities division, hailed the grant as "an important, imaginative contribution." He said, "It acknowledges the fact that our students have an extraordinary interest in and need for humanistic subjects; it asserts that they should have teachers of the highest calibre; and it

greatly enhances Caltech's ability to provide such teachers."

Old Dominion Foundation was established in 1941 by Paul Mellon of Upperville, Virginia. It has granted approximately \$65 million for studies in various fields including the humanities and liberal education, the arts, mental health, and conservation.

Frosh Honor Sections open For Enrolling

Individual sophomore honor sections in each of the three subjects, Ma 2, Ph 2, and H 2, for which provision has been made by the faculty, will again be available in 1964-65.

Eligible members of this year's freshman class may register for any or all honor sections. They must preregister, as described below, before the end of this term (June 13).

To be eligible, a student must have received an overall GPA of 3.0 in the freshman year, must have an average grade of 3.3 or better in the prior course in the field of the honor section (for example, 3.3 or better in Ma 1 abc for the math honor section), and must have the permission of the instructor who is to teach the honor section.

It is essential that all freshmen who wish to be considered for honor section enrollment indicate their intention on a form available at the Registrar's Office, 119 Throop, before June 13. Failure to file the form on time will cancel eligibility.

Trotter Talks On Protestants

In an attempt to define Liberal Protestantism, Dr. Thomas Trotter, Dean of Claremont School of Theology, wound up discussing nearly all phases in the recent development of Christian thought. This was the final talk of the Y Religions of America Series, held last Tuesday in Winnett Clubroom 1. Trotter made clear some of the fuzzy distinctions between different schools, although he began by saying that nobody is sure what Liberal Protestantism is.

Trotter said that both Liberal and Conservative movements grew out of the clash which came at the turn of the century between the experiential religion of the frontier and the intellectual, rational approach sparked by the advance of science. Liberalism fused these ideas. Liberals used scientific methodology, conducted vast historical studies, challenged the Bible, and sought reasons for the shape of the Christian faith. Conservatives, on the other hand, resisted science and selected articles of dogmatic Christian faith. Orthodoxy avoided the entire problem by saying faith is what the church says it is. These were the views prevalent in the 20's and 30's.

P-N Junction

Recently these movements have fused into what is called Neo-orthodoxy, influenced by existentialism. Still more recently people like Dr. Hamilton, this year's visiting theologian, have formed what might be called a post-Neo-orthodox movement. These men are seeking to dis-

(Continued on page 4)

Notices

SEE INSIDE THE ATHENAEUM
The Coffee Hour will be in the Athenaeum today at 3 p.m. Tea and coffee will be served plus those ever-disappearing points.

DRAMA CLUB MEETS AGAIN
The CIT Drama Club will meet at 7:30 p.m. tonight to BS a little and cry over the play. Refreshments. Check Winnett bulletin board for location. Everybody welcome.

CCF TO HOLD INTERESTING MEETINGS
Tomorrow, 12:00, in the Greasy, Mr. George Ladd will be speaking on "The Christian View of History." Next Friday, same time and place, Mr. Paul King Jewett will probe the question "Is Mankind Improving Morally?" At the Greasy you have your choice of Saga delicacies!

1965 BIG T
Anyone interested in working on the 1965 Big T should drop a note in the "B" box in Ruddock or see Bill Broste in 244 Ruddock.

LAST ISSUE
This issue is the last one of the year. The editors have decided to kiss off the *California Tech* and snake for finals so that they might be able to come back next year to produce more splendid issues of this rag.

Any facsimile of this great paper appearing next week should be attributed to a band of Macedonian hill bandits or Barbary pirates who somehow sneaked into the office and overwhelmed those presently in charge.

Editorials

Tickets

An unhappy situation, one in which some feelings are more bitter than warranted, has arisen with regard to the distribution of tickets to Kennedy's Beckman address. Briefly, the source of discontent is that, although undergraduates hold 280 tickets, 90 of those are in Blacker hands, 56 in Ricketts, 50 in Page, 38 in Lloyd, and 30 in Dabney, while Fleming has only 14 and Ruddock only 2. (The rest of the tickets, by the way, were distributed 200 to grad students, 250 to faculty, 50 to employees, 100 to Associates and the President's office, 50 to Trustees, 30 to the press, etc.) The basic cause of this situation was the availability of tickets in the bookstore before everybody had received announcements of the speech. The mob scene in the bookstore and the "unexpected great appeal" of Kennedy are probably secondary effects. Rumor that tickets were getting scarce made them go even faster.

Although the distribution by Houses is quite unequitable, no one seems to be worried except Ruddock (understandably enough). To alleviate the discontent, we offer these appeals: Make the most of the afternoon talk on the Athenaeum lawn, where asking pertinent questions can be at least as valuable as hearing an address. Those of you with tickets: **don't let them go to waste**, not when 5000 other people are clamoring for seats. More important, undergraduates with unused tickets should give them to other undergrads, keeping the address for the benefit of the academic community, not someone else.

The fair solution seems to be not a complete or partial redistribution of tickets — since that would increase the number of unhappy people — but a promise (such as Drs. Paul and Munger, who are in charge, have given) to give a satisfactory number of extra tickets, which will be available from various sources, to Fleming and Ruddock. And for the future, we believe a much better method for undergrads is signing up in the Houses (after sufficient notice), with an equal or proportionate number of tickets for each House to be distributed within the House by chance.

—Stuart Galley
Wally Oliver

More on Calculators

Action has been taken on the calculator controversy since our first editorial many weeks ago. There seems to be a reasonable chance for the physics department to provide calculators to undergraduates. The problem has now arisen of where the machines are to be placed. The BOD suggested a central place while the IHC voted 4-3 to place them in the separate houses.

The **Tech** believes that the advantages of putting all of the machines in a central location outweighs the natural convenience of a calculator in every House. The machines would have more efficient use if they were in one place, thus eliminating the problem of one House's machine being unused while someone in another House is in need of one. The Houses may not want to assume full financial responsibility for the repairs that might be needed. The danger of such reluctance causing a House to restrict the use of or abandon one of the machines would be avoided by a central calculator room.

Because the Institute provides the grad students with calculators free, the **Tech** urges the Institute to assume the financial responsibility for the machines. To provide for proper care of the machines, they might be kept in a locked room with keys issued only to those who have demonstrated their ability to operate calculators.

We repeat — let's calculate.

—Wally Oliver
Stuart Galley

Letters

Cricket Rules Inaccurate

Editors:

Although I have become used to prevailing attitudes, it was with some anguish that I read your article "Game of Cricket Gives Jolly Good Time" in last week's **Tech**. A venerable game of world renown, it in no way deserves the mockery implicit in your glib rendering, which degrades a fascinatingly intricate and infinitely subtle sport of unsurpassed quality.

Cricket is not ornamental: its ostentation is a mere aura of quaintness projected by the superficiality of the ignorant. I hesitate to call your attention to three errors in a single para-

graph which, corrected, should read: Since there are eleven cricketers on each team, the "innings" (always plural) ends when ten wickets have fallen, one for each batsman excepting the last, who cannot be "out."

Vulgarity, more's the pity, is frequently forced to understand true excellence in terms which have a ring of the pleasingly odd, the quaint, the old-fashioned, the picturesque.

Yours sincerely,

Tom Greenfield

P.S.—As the Greek proverb has it: E glossa moth einai sto magonlo mou.

Stamp Collecting in Europe

Weis Reviews Travels On Continent

BY JOE WEIS

(Editors' note: This is the last of the reports written by recipients of Junior Travel Prizes for last summer.)

As the airplane touched down at Glasgow airport, I was both expectant and apprehensive about my first experiences on another continent which were soon to come. However, the apprehensiveness quickly passed as I almost immediately began to get into the spirit of Scotland. It was a perfect Scotch morning — a light rain was falling. The bus ride from the airport into the city past farmers doing their morning chores and through quiet villages of identical flats gave me a perfect introduction to the Scotch countryside.

Glasgow Rush

Soon I was caught up in the bustle of Glasgow at noontime with its crowded narrow streets and young men with clicking, steel-plated heels. After a lunch of "shepherd's pie," I made my first of many visits to gothic cathedrals (in this case the Glasgow Cathedral) and then left for Edinburgh.

Nowhere else in Europe except perhaps Salzburg, is there as beautiful a combination of the medieval and the modern as there is in Edinburgh. From the Princes Street Gardens in the center of the city one can turn one way and be awed by the castle which towers over the park, and turn the other way and see the exclusive Princes Street shops. While watching folk dancing in the Park the first evening I ran into fellow Techman Terry Mast. I was quite surprised but I soon became used to such occurrences as I again accidentally met him in the improbable places of the London and Paris subways. After two days in Edinburgh I almost had the Scotch weather psyched out — the change from sun to hard showers comes so fast one must constantly watch the clouds and be fast with the rain coat.

English Playboy

After Edinburgh, I toured southward through the Lake District to London. Then after some side trips, a few days of the "play a night" routine in London, and several English high teas, I left for Copenhagen.

I had arranged for a visit to the Danish Postal Museum and postage stamp printing plant since my rather unusual travel prize project was to study postage stamp printing. This was a logical project for me because I've been collecting stamps for over ten years and Europe was the best place to study stamp printing since the best and most diverse work is done there.

As a major sub-project I had also proposed to visit physics research institutions in Europe — also a logical project for a physics snake. I'll mention more about Europe's physics later.

Stamp Museum

The director of the Danish Postal Museum gave me a tour of the museum where I saw for the first time exhibits of ancient postman costumes, old post wagons and boxes, and interiors of old post offices. Exhibits like these are almost non-existent in the U.S. but standard in Europe. The next day I was introduced to the director of the stamp printing plant and given an extensive tour.

The Danish plant formed quite a contrast to the U.S. Bureau of Printing and Engraving which I had visited before leaving the United States. The Danish plant

was like a small group of highly skilled artisans in comparison to the huge, efficient, spotless, and modern U.S. plant.

The Danish director was very enthusiastic about his work and explained the finest details to me. I was also able to visit the Yugoslav, Austrian, and Swiss printing plants. Unfortunately, most of the other plants do not permit visitors for security reasons and I wasn't able to visit the Courvoisier firm in Switzerland or the Belgian state printing plant where some of the most artistic stamps are produced. The visits I made showed me the wide variety of methods used to print stamps and thus increased my enjoyment of stamp collecting — and of course gave me some interesting contacts.

In Heidelberg, Germany, I made my first visit to a physics research center on the continent. This and other visits amounted to a seminar in contemporary European physics research and modern physics. The research fellow who was my contact at Heidelberg, showed me around the University and explained the experiments in progress. He then drove me up into the mountains to the Max Planck Institute. The Institute was one of the most recently constructed laboratories in Germany.

Physics—Ecch

Many of the universities I visited in Europe also had quite new physics laboratories. Those of Imperial College (London), Freiburg University, Munich Technische Hochschule and the University of Rome's laboratory at Frascati were particularly impressive. Of course, CERN at Geneva is the most fantastic laboratory for physics of all. The main building has a travel bureau, a lunchroom, and carts on which snacks are brought around.

The 200-meter diameter, 28-Bev proton synchrotron is also snowy. Even though there are such modern institutions it is obvious that much less money is spent on physics research in Europe than in the U.S. Accelerators are certainly harder to come by. The typical high energy physics laboratory is a national one (like Frascati) or an international one (like CERN). In addition faculty positions are more difficult to obtain.

Physics Without Feynman

In Heidelberg I attended an undergraduate physics lecture in first year physics. I arrived before any of the students and watched the first ones enter and hustle to grab the front row

seats. All of them were casually dressed and carried brief cases; many also had lunches with them which they proceeded to munch before the professor arrived. I noted that about 20 women were present. When the professor arrived promptly five minutes late, every one rapped on their desks and then was very attentive during the hour and a half of lecture. Apparently Feynman physics had not reached Heidelberg yet for the lecture was a demonstration lecture in traditional style. The lecturer's desk, much like the one in 201 Bridge, was completely covered with apparatus.

In all, the professor gave about 20 fairly simple — but interesting — experiments during the lecture while covering quite a lot of material on thermodynamics. He did very little writing on the blackboard so there was little note-taking by the students. There was again rapping on desks as the professor left at the end of an interesting lecture. I also visited the first year physics laboratory. It purposely had little fancy apparatus. The students are given problems, for instance measure some physical constant, and then must create their own experiments with the simple equipment available to obtain the answer. A far cry from Caltech labs!

The greater internationality of European physics makes it interesting for students. The undergraduate physics student from Madrid who showed me around CERN explained that there were 75 other undergrads from all over Europe at CERN for the summer. Unfortunately they

(Continued on page 4)

ASCIT BUDGET

Social	\$2,775
Athletics	3,480
Activities	320
Band	490
Glee Club	700
President	105
Vice President	90
Secretary	400
Model U. N.	300
Debate	250
Drama	75
Election Rally	100
Ski Club	30
Surfing Club	30
Flying Club	5
Radio Club	100
Big T	4,000
California Tech	2,000
Contribution to debt	1,000
Contingency Fund	550
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	\$16,800

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Footballers Downed, 14-8; Fleming, Ruddock To Split Interhouse Title

Under the leadership of Dick Van Kirk, Keith Jensen, and Harry Baldwin, the unit Bad Guys defeated the Caltech varsity football team of 1964, last Friday afternoon at TeePee. Despite losing The Game, the varsity made an excellent showing in what proved to be a fine chance for Coach Bert LaBrucherie to take a good look at his new squad. The score of the game was 14-8, and it was tight all the way.

First Half

The first half was controlled by the alumni, who put up a brilliant defense and a tricky but not really devastating offense. Time after time, varsity runners were stopped with only short — and often negative — yardage. Charging linemen were able to hold the passing game in check most of the time, and when needed the secondary was always there just to make sure. Thus, the varsity was held to practically ZOT.

Meanwhile, Van Kirk was able to run freely, both to the inside and the outside. His fine running style was indicated by more impressive jumping, twisting, leaping, and spinning moves than Caltech has seen since 1957 when he last graced our field. When desirable he was able to hand off to the other backs, notably Bob Liebermann, Bob Christie, and Ed Kline, all of whom ran with speed and power. The varsity defensive secondary covered its territory fairly well, and few passes were thrown by Van Kirk, since the running game was going so well. The alumni were only able to score once, however.

Third Quarter

The third quarter was by far the most impressive. Whatever Uncle Bert said to his boys must have been worth something as the varsity was able not only to pull itself together, but take charge as well to start off the second half. Everything started going right for the Beavers in a period which saw Steve Hall



Here's Barry Dinius sweeping around two L.A.P.C. defenders in last season's opener. His fine running was missed against the alumni Friday. Come to next year's opener, fans.

complete four of his five passes.

The period got started with an alumni drive which was halted when one of Van Kirk's passes was easily picked off by the secondary. The varsity started to move but was unable to keep it up and punted deep into alumni territory. The alumni were able to move this time and on third down the second interception off Van Kirk set up a varsity drive. Van Kirk left the field calmly, throwing his helmet no more than 23 feet. The action then began and in the span of about three minutes and sixty yards, Hall completed three passes. With first and goal Hall teamed up with Ken Evans to work the play to perfection, and Evans scampered in unmolested. This tied the game and the extra point was made off a pass to Chuck McQuillan.

Protecting a two point lead, the varsity was able to concentrate on defense. Things started to look really bad when Keith Jensen took over the QB spot and immediately hit Harry Baldwin for a sixty-yard gain. Jensen went for the goal immediate-

ly, but his pass was short. On the next play Keith showed some classy faking while going around right end to gain five. He sent one charging lineman flying past him with a neat hip fake. The next two plays got nowhere, however, since the varsity dug in.

Fourth Quarter

The Beavers took over the ball, were unable to move it, and punted. The fourth quarter began with the ball in alumni hands. Jensen threw another sixty-yard bomb to the varsity two. The alumni scored easily from there, picking up the extra point. The score remained 14-8 for the remainder of the game, which ended with the varsity in possession of the alumni 42, and with Hal Musselman looking all over for the gun which had cleverly been stolen by an unknown Page House member.

Standing out like a sore thumb in the game was Steve Hall, who may be the first good passing QB since Van Kirk. Chuck McQuillan all but wrapped up a sure starting post for next season with fine hands at end. Lee Myers and Andy Kampe played very well in the line, with Kampe providing some real excitement in the third period when he smeared Van Kirk (before he had a chance to figure out what was happening) for a six-yard loss. Bob Scott and Ken Evans both ran well, but Barry Dinius was sorely missed.

A crowd of around one hundred saw the game and seemed to be quite enthusiastic. Coach LaBrucherie played excellent defensive football, diagnosing plays and advising his players the very moment he could overhear them in the opponents' huddle. Everyone seemed to enjoy the game, except Stan Sleeve who was knocked cold when Jensen was forced out of bounds and into his lap in the fourth period.

to his House-mates) was viciously attacked and maimed by several Lloyd players. The indignant players of The Big Red Kloke Raiders, aroused by this display of physical violence, charged forward to win this one for Chuckie. As always here in the Happy Hunting Ground, the good were rewarded, and Fleming won 24-19.

Christie's passing in the first half was a little less than pinpoint, but he settled down in the second half. Despite the absence of six of Fleming's usual starters due to illness, injury, and the ever-present duty to admiring womanhood which constantly afflicts the members of the Good House, the depth of never-ending talent of the Big Red proved too much for Lloyd. Crabtree's Marauders played their usual flashy game, dominated by the little brown book in Gillespie's back pocket, and the unstoppable Howenstine. But the telling factor in the victory by the House for Lonely Athletes was the new talent brought up from the farm clubs, Vitz, Yeagley, and Vinsonhaler.

The Good Get Reward Again; Fleming Takes Lloyd, 24 - 19

Last Sunday afternoon the final chapter was written for this season on the immortal pages of the Discobulus Book. Once again Fleming proved victorious, as has been the case throughout most of the past season. In the final standing Fleming has a total of 31 points, exactly equal to sum of the second and third place Houses, Ruddock with 18 and Blacker with 13. (Interesting aside: Blacker finished the season with 3 points due to a generously enforced forfeit and 4 more points due to losses, which, by the way, is more than any of the other Houses gained from losses.)

Carbon Copy Game

The football game Sunday between Lloyd and Fleming proved to be almost a carbon copy of a game between the same two Houses last term. Both Houses were quite capable of scoring points, and proceeded to do so. The first half ended with the score 13-12, Lloyd. Early in the second half Fleming's forces were dealt a crippling blow when Gentle Chuck McQuillan (affectionately known as The Lamb

The Fleming doubles team of Roger Card and Frank Rhame won five out of eight games from Bill Weber and Jeff Wise of Ruddock in the final Interhouse tennis match on Monday.

In so doing, they won a fifth place in the tournament for Fleming and a tie with second place Ruddock for the Interhouse trophy, in a race which was in doubt, from the first pitch of softball last fall, until Card and Rhame held serve in the fourth game of their climactic match with Ruddock to take a 3-1 lead. At this point the Fleming doubles team clinched a second place finish behind their Ruddock opponents, and drew a well-earned cheer from the Fleming crowd, which realized that the necessary points for the trophy were

in the bag.

Lloyd won the tournament with 49 points to 48 for Ruddock, while Blacker finished a strong third with 43. The decisive matches occurred on Thursday and Friday, as Dave Lischinsky defeated Roger Leezer 5-3 to win first singles and give Ruddock a shot at first place for the trophy, only to have the chance taken away the next day by the Lloyd doubles team of Bill Pence and Volker Vogt, who came back from a series of mediocre performances to win four games from Weber and Wise, by virtue of a strong, forcing net game.

Scurvs Take Crew Again

The Ricketts House crew team regained the Acme Perpetual Trophy last Friday night by defeating Ruddock to close out their undefeated season. Both lines were sloppy with Ruddock having three alternates and Ricketts having one. Ricketts' time was 25.7 with two alternates, the second being timed by accident. The Ruddock time was 28.3. Ron Constable, Ricketts captain, was happy with the time shown by his youthful team and hopes for a sub-twenty-second line next season.

Cricket Win Over UCLA

Last Sunday as the light was beginning to fade and the smog was at last receding, the Caltech Cricket Club concluded an undefeated season by edging U.C.L.A. in a dramatic and tense contest, 110-103. The match commenced at 1:15 p.m. Huttenback lost the toss and for the initial time this year Tech had to bat first. U.C.L.A. struck early as Mugambe was dismissed for a duck (0). Rispin quickly followed him to the sidelines with four runs to his credit. But worse was yet to come; Dave Clough, the team's leading batsman, mis-hit a bad ball and was caught for two runs.

Caltech was now in the dismal position of having three wickets down for only seven runs. Fortunately Richard Wade and Inder Cheema were able to stabilize the situation as they put on 36 runs for the next wicket. Once more the position collapsed, however, as Caltech went from 43 for three wickets to 60 for seven wickets in the space of a few minutes. Again disaster was avoided as the tail of the batting order batted courageously to post a final total of 110 runs.

The U.C.L.A. innings started placidly enough and it looked like the match was heading towards another dismal draw. Suddenly Gjestland and Van Horne started to attack the bowling and with twenty minutes to go, U.C.L.A. needed but ten runs to win with three wickets in hand. At this point Clough developed complete mastery over the batsmen and brought the match to a conclusion with U.C.L.A. still eight runs short of victory.

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 Native Teachers Day or Evening Free Trial Lessons



BY J. K. EVANS

Today we will discuss dynamite, which is rather an explosive subject. There are factions which feel that subjects with such impact should be kept under cover and not exposed to heat, but these people are far too cautious. Dynamite is actually pretty safe stuff. Also, it is even better than bad breath for keeping people away.

Dynamite was invented in 5403 B.C. by one Irving Ugg. Unfortunately there was a slight accident and Irving and his formula were distributed over rather a wide area in a thin uniform layer. The formula was rediscovered at various intervals throughout the history of civilization — once in Pompeii, once at Krakatoa, and once at Sam's General Alchemist and Chemical Shop — but on each occasion a sad occurrence resulted in loss of the formula.

Noble Nobel

Finally a fellow named Nobel left the formula in the other room while he concocted his original batch, and since the God of Explosions couldn't get Nobel and the formula at the same time, he didn't bother. So the world has dynamite.

The principal current use of dynamite is making artificial earthquakes for geophysicists to listen to. Of course a few misguided souls still try to mine coal, build roads, or murder wives with the stuff, but these are wrong thinkers and are fading into the minority. One enterprising soul has a girl friend who is terrified of thunder and earthquakes. Whenever he goes to visit her, he leaves a time-fused charge in the back yard.

Twitch Flinch

We will close with the sad story of Simeon Flinch, a good-hearted lad who worked in his father's general store in the Feenamint Mountains of Nevada. Simeon was a lover of confections. One day he was overjoyed to discover several cases of long round taffy sticks in the storeroom. Shouting with glee, Simeon fell to. Soft, chewy, flavorful — the taffy was really excellent.

Unfortunately, Simeon was wearing braces, and in his ecstasy of mastication, he ground his jaws together with such violence that he struck a spark. The explosion was seen for seven miles; three of Simeon's teeth were recovered from the undercarriage of a passing stratojet. Now, everyone in Flinch's General Store wears brass braces. No sparks.

More Awards

(Continued from page 1)

the Interhouse Sports Trophy simultaneously to Ruddock and Fleming. Final point standings are thus:

Fleming	114
Ruddock	114
Lloyd	88½
Blacker	82½
Ricketts	82½
Dabney	60
Page	46½

Saving the best for last, Mr. Musselman presented the Intercollegiate Rating Trophy, based on relative number of House members contributing to various varsity and frosh teams, to Dabney. Dabney last won this one in 1960, followed by two years of Page and one of Ricketts. Finally, J. C. Simpson, one expected to present non-surprising news, announced that the Flems had won Discobolus.



BY THE OL' BOOZER

After a two-year sabbatical leave, during which the Ol' Boozer toured innumerable faraway, exotic lands in search of recipes to titillate his gentle readers, he returns only to find the home ground a source of two exciting concoctions. The first, guaranteed to go down easy, but hit hard, was revived by John Andelin.

GEOLOGY PUNCH

- 1 fifth cheap light rum
- 1 fifth cheap white wine (Chablis, Sauterne, etc.)
- 8 oz. lemon juice (unsweetened)
- 6 oz. simple syrup, or equivalent of granulated sugar
- 1 qt. ginger ale

Mix all but the ginger ale at least a half hour before use. Add the ginger ale and plenty of ice when served. Reliable sources say this recipe is adequate for five, and bitchin for putting a random date in a good mood.

The other drink was discovered at an end-of-term forget-it-all party. In anticipation of finals, it is offered as a substitute for physics snaking.

RUSSIAN

- 1 jigger vodka
- 1 jigger gin
- 1 jigger creme de cacao

Shake well with ice and serve extremely cold. (It won't hit as fast that way.) About halfway through the drink the accepted procedure is to kiss off the world and chugalug the rest.

More Trotter

(Continued from page 1)

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More Travel Prize

(Continued from page 2)

make only \$150 a month.

Actually I spent only about 15% of my time doing things directly related to my project. It is the purpose of the travel prize to allow the winners to experience other countries without any restrictions upon them but with their project as one focus to their travels. Consequently, I spent many days visiting museums, galleries, cathedrals, historic monuments and plays, and just wandering about cities.

The small countries which I was interested in philatelically turned out to be some of the most interesting ones in Europe. San Marino showed how the sale of stamps and tourism could be pushed to the extreme as national "industries." In Monaco I celebrated my twenty-first birthday (this was appropriate since people under 21 are not permitted in the gaming rooms of the Monte Carlo or other casinos). Andorra was my favorite, however. It now thrives on tourists but one can see evidences of its past livelihood — the production of cigarettes with subsequent smuggling into Spain and France. I enjoyed Andorra's unmatched low prices, beautiful Pyrenean scenery, and the friendship of the head of her tourist office.

Yugoslavia, however, was the most interesting country I visited. I began my visit with three days on the Dalmatian coast (which has the finest sun and sea in Europe) and thence turned inland to Bosnia and Hercegovina where the eastern heritage and poverty of Yugoslavia are most evident.

Fezzes and Donkeys

Mostar was the only place in Europe where I was looked at curiously as some obviously strange phenomenon. After seeing many mosques, fezzes, and donkeys, I left Mostar and Sarajevo and went to Belgrade. Here I was confronted by the Cyrillic script as well as the Serbo-Croatian language — but I got along fine as one always does in Europe. Belgrade is very modern but definitely Yugoslavian rather than, say, English. Two events made my visit there especially memorable. The first was Khrushchev's visit and the moderately warm welcome he was given as he entered the city with Tito. The second and more important event was playing basketball there. I had stumbled onto some outdoor courts before in strange places — behind the Vatican Museum (this one was probably for the Pope) and in the middle of the fifth century part of Dubrovnik — so I wasn't too surprised to find about ten courts inside the ruins of Belgrade's ancient Kalemegdan fortress.

I enjoyed some barely teen-age boys who were playing there for the only basketball game I had during the summer. I hitched a ride in a truck on the cobbled "freeway" from Belgrade to Zagreb and then left the friendly country of Yugoslavia for Austria.

Most of the time I traveled on my Eurailpass, which used to give one three months unlimited rail travel in any of the Western bloc countries for \$180. It is infinitely convenient and fairly economical but after talking to a lot of other traveling young people in Europe I decided that hitchhiking is the best way to get to know the country. I usually stayed in hostels and I will "ditto" all the good things Dick Burgess said about them.

One of the greatest benefits of the trip to me was its manifold enhancement of my appreciation of the arts — especially the plastic ones. For example, it is impossible to go to Rome without learning something about Bernini or to Barcelona without encountering the exuberant and audacious "Neo-Gothic" buildings of Antoni Gaudi. Thus the Junior Travel Prize gave me an unmatched introduction to the people, culture, and history of Europe and a most exciting summer.



JERRY LEWIS

SAYS...

"Group, do you realize everytime you put your best foot forward there's a leg attached to it? And is that leg covered with some old gunny sack cloth? Dress up, gov! Good looks are an asset."

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