

Presidential Vote Split Tuesday Runoff Forced

by Jim Llewellyn

Voter turnout in last Tuesday's election showed an improvement over last year. Close to four hundred ASCIT members cast their ballots for the twelve offices up for grabs. Many close races resulted, but with few surprises.

In the race for the Presidency, Richard Beatty managed to out-poll Jim Backus, 156 votes to 120. However, this was not enough to win, and a runoff election is necessary. Write-in candidate Larry Wise received 118 votes; 34 people voted no.

Steve Grennan was successful in his bid for ASCIT Vice President with 226 votes. Tom Estes finished third behind the 140 nos with 10 votes.

The closest race of the election occurred for Secretary. Here, Ole Anderson defeated Eric Kaler 156 to 155. Anderson got 40.3% of the total vote, enough to win, but there's a procedural question still to be resolved by the ASCIT Excomm after the paper went to bed last night.

Chen Sun and David Whitcomb will meet in a runoff election for Treasurer. Sun received 152 votes to Whitcomb's 109. Gul Agha received 89 votes for a third place finish.

Other BODies

The position of IHC Chairman was taken by Richard Atwater of Fleming. Jon Teich polled 70% of the vote in outdistancing all of his opposition. No, a consistent contender in every race, finally came through for Director for Social Activities with 193 votes. Nominations for this office have been reopened and a new election will be held.

The last two members of the Board of Directors are Chris Wheeler (195 votes for Director-at-Large) and LeRoy Fisher (178 votes). Marc Berger finished strong with 119 votes, but failed to make the cut.

Joel Gunter, running unopposed for Activities Chairman, took the job with 257 votes. The team of Debbie Wilson and Ray Jean copped the Athletic Managerial prize. The new BOC Secretary is Jill Bechtold. The race for Tech Editor was won by the team of Sivertsen, Llewellyn, Chaney and Yoshida.

If the election results are a true reflection of student views it seems that a large portion of the

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Y Spotlight Series

Hoyle, Bradbury Mix It Up

by Greg Simay

Sir Fred Hoyle and Ray Bradbury riveted a huge Beckman audience last Wednesday as they discussed "The Promise of Science Fiction: Prophetic or Profane?". Hoyle is a sober red star who tries to shed more light than heat on his subject; Bradbury, a fiery meteor who sings his audience as often as he gives them flashes of insight. Professor Bruce Murray moderated their exchange at a safe distance from both celestial bodies.

In his opening remarks, Hoyle emphasized the continuity of science fiction with ancient epics inspired from folk stories. To him, Homer's *Iliad* and *Odyssey* are prototype science fiction stories for many modern efforts. Ships become spaceships, Cyclops a mutant, and Circe transforms into a powerful alien.

In contrast, the serious novels—those commanding the attention of reviewers—focus on the experiences of a few individuals who are "seeking to survive the storms of modern society". Hoyle believes such novels, typified by the works of Proust, Kafka and D. H. Lawrence, do not belong to history's



SCIENCE FICTION WRITER Ray Bradbury talks with Suzanne Murray before participating in the Y Discussion with Sir Fred Hoyle. Photo by G. Laib

great mainstream of writing. Instead, science fiction is the successor to *The Iliad*, but it is not a worthy successor. All too much science fiction is commonplace earth stories gilded with exotic names — "Atarrayx" or "Nung" — and "devices whose mode of operation the author doesn't know."

Hoyle believe science fiction must meet two basic conditions before it can become great literature. Science fiction must adhere to the facts of science as we know them. Hoyle illustrated his point with an anecdote: After Sir James Jeans listened to a bishop's comments on the structure of the universe he said, "It is indeed fortunate that this transcendent intelligence, if there is one, will have to wait thousands of years before he hears your remarks." For the good science fiction writer, not even God can travel faster than light.

Hoyle then pointed out great literature that resulted from fusion: Homer fused oral traditions with writing and Tolstoy fused writing with the destinies of nations. Science fiction, then, must fuse technological change with the fate of mankind, e.g., over the next thousand years.

After Murray coined an outrageous pun (sufficiently bad to

be removed from this paragraph) Bradbury launched his vigorous defense of science fiction.

"35 years ago, people asked me why I had this stupid interest in science fiction. Even when I was in high school I was considered crazy. But I can no more resist writing science fiction than I can resist breathing because we as a nation breathe in and out ideas.

"Throw the bastards out and throw the bastards in! We're the idea culture. We've turned everything inside out. Death is redundant! We've hit death right in the face. Before 1920, half the children died before age 16. Now we have a whole bunch of the little bastards. We used to visit our grandmothers in the cemetery. — Not anymore! Now they're living in La Jolla. This is all science fiction, right? We're the nation of revolution and other nations have copied us.

"Science fiction is a concept in the head not yet existing in reality. Plato's *Republic* is science fiction, Da Vinci wrote science fiction. Science fiction is not mere science, it is the beginning of a dream. If I had been a teller of tales in the streets of Baghdad 2,000 years ago, I could have told the science fiction story of pushing back the

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More Elections Scheduled For Next Tuesday

by Dick O'Malley

In the aftermath of Tuesday's ASCIT elections are two more ASCIT election days. Next Tuesday will probably be the date selected for the initial runoffs and Proposition 1-75. Candidates in the runoff elections are: Dick Beatty and Jim Backus for President; Chen Sun and David Whitcomb for Treasurer; and possibly Ole Anderson and Eric Kaler for Secretary.

The proposition in question pertains to setting up a Big T contingency fund with all profits obtained to be used either for improving the book or granting a rebate to the students (or something like that). The text is on page two.

Complexities Abound

Nominations for the vacant offices of Director for Social Activities will be opened immediately after the BOD validates Tuesday's elections. They must remain open for one week, which means that the election can't be held next Tuesday. In fact, the bylaws make it impossible to hold this election for at least two weeks.

Two weeks from today, there will probably be another ASCIT election. This one will elect people to all ASCIT offices unless there's a tie or more than one person gets nominated for the Social Activities office. If no one gets more than 40% in the latter case, still another runoff will be scheduled. If no one gets nominated, or just one person gets nominated, then the person receiving the greatest number of votes will be elected and cannot be blocked by voting "no."

What About "No"s?

"No" votes are good for one more round in next Tuesday's elections. Write-in votes are always good. But if a second runoff for President, Treasurer, or Secretary is necessary, then the person receiving the greatest number of votes will be elected and cannot be blocked by voting "no."

If a second runoff is necessary for any of these offices, it will probably be held two weeks from today.

Mead With A Beard



CARVER MEAD discusses the engineering option (EE version) with interested frosh at this week's orientation (part II) meetings. Photo by R. Feldman

News Briefs

Greasy To Distract Students

A Committee has been formed to offer a plan for improvement in the physical appearance of Chandler Dining Hall.

The committee is discussing such items as repainting, procuring some round tables, planters to divide the dining room, etc.

If you have any suggestions, please contact one of these committee members: Mark Allen, Keck House; Vet Brown, Chemistry; Bill Fennell, Manager of Food Service; R. W. Gang, Director of Housing; Dr. James Knowles,

Applied Mechanics; Kikuko Matsumoto, Computing Center; Ralph Randall, Purchasing; James Westphall, Campus Architect.

Long Lance Photons?

Last Saturday's space simulation game went over so resoundingly that this week we return to naval miniatures. The game will be held in Dabney Hall Lounge (not Dabney House, you fools!) on Saturday evening at 7:30. The Valkyrie performance in San Diego threatens to make attend-

ance small, so all of you dubious people should show up for once and find out just what we're doing. Who knows, you might even enjoy torpedoing your best friends and any passersby.

They Can't Do That!

The Athenaeum requests that their parking spaces be left clear at lunchtime (11 a.m.—1 p.m.) so members having lunch there can park. Cooperation would be appreciated.

Election Results

PRESIDENT		DIRECTOR-AT-LARGE	
Backus	120	Berger	119
Beatty	156	Fisher	178
Wise	118	Leong	5
No	34	Wheeler	195
Others	5	No	69
		Others	8
VICE PRESIDENT		ACTIVITIES CHAIRMAN	
Estes	10	Evensizer	8
Grennan	226	Gunter	257
No	140	No	79
Others	12	Others	6
SECRETARY		ATHLETIC MANAGER	
Anderson	156	Cox	7
Kaler	155	Stevens	159
No	64	Wilson & Jean	198
Others	12	No	34
		Others	3
TREASURER		BOC SECRETARY	
Agha	89	Bechtold	260
Sun	152	Ziegler	8
Whitcomb	109	No	118
No	49	Others	9
Others	6		
IHC CHAIRMAN		TECH EDITOR	
Atwater	271	Groat	23
Mallonee	91	McCorquodale	109
No	41	S & L & C & Y	246
Others	3	No	33
		Others	1
ACADEMIC AFFAIRS			
Scherer	60		
Teich	272		
No	50		
Others	5		
SOCIAL ACTIVITIES			
Bacon	178		
No	193		
Others	8		



Propositioned Again!

Proposition 1-75

to change Article XVI Section 5b from:

(b) *The Big T*: The editor will receive a salary of four hundred dollars (\$400) for the year's work. He may appoint a maximum of four assistant editors, who will each receive one hundred dollars (\$100). The business manager will receive a commission of 15% on all advertising sold and paid for.

to:

(b) *The Big T*: The editor will receive a salary of four hundred dollars (\$400) for the year's work. He may appoint a maximum of four assistant editors, who will each receive one hundred dollars (\$100). The business manager will receive a commission of 15% on all advertising sold and paid for. Should *The Big T* make a profit after all costs and expenses have been paid for, that profit shall be placed in a *Big T* Contingency Fund to be administered jointly by the Board of Directors and the current editor. This money shall be used to make improvements on the next year's yearbook, or to reduce the student assessment for the next year.

Runoffs

Continued from Page One

public is dissatisfied with the candidates for every office. It is unfortunate that none of these people cared enough to run for an office himself or to actively support someone he felt could do the job. Then, maybe, the winners could truly be representative of the student body.

New Fire Alarms Prevent Damage

Saturday morning, February 15, was, indeed, not boring for Gerald D. Thompson, the emergency mechanic then on duty. While a team of about ten people (perhaps more) from the Physical Plant were busy crawling around in the lowered section ("sub-sub basement") of Noyes making changes in the ventilation system, Gerald D. Thompson was chasing a monkey in the Environmental Biology building. The monkey apparently preferred the outside of the cage but Thompson finally got him where he was supposed

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New Show Graces Baxter Gallery

An exhibit featuring the paintings of Arthur Ames and the collages of Douglas McClellan is being held at Caltech's Baxter Art Gallery. The exhibit is open to the public through March 9, Tuesday through Sunday, from noon to 5 p.m.

Ames, a long-time resident of Claremont, is represented principally by large acrylic paintings that have a hard-edged, op art feeling, but which are more complex in color, design and feeling than those terms usually imply.

The paintings, predominantly of geometric forms, often are enriched with biomorphic shapes.

The work of McClellan in this show is what Dr. David Smith, director of Caltech Baxter Gallery, describes as 'painterly' collages, with various kinds and colors of papers used in a tightly controlled way. The result is work whose first level of appeal is design, but which goes far beyond that.

McClellan is head of the art department at UC Santa Cruz. Formerly he headed the art department at Scripps College and the Claremont Graduate School.

GSC Protests Library Cutbacks

The Graduate Student Council, as representatives of the graduate student body wishes to voice its concern over the current financial crisis in the Institute library system. Two issues we find especially disturbing are:

1) The decentralization of the library acquisitions program and the dispersal of library funds to individual divisions. We believe that this action will foster a parochialism and shortsightedness in acquisitions harmful to interdisciplinary programs. As yet, this delegation of responsibility has not had the desired effect of inducing the divisions to make up shortfalls in their own acquisition budgets. Indeed, after fiscal year 1975, divisions no longer will be required to spend even the allocated funds on their libraries.

2) Failure of the administration to provide budget increases to offset cost increases. The projected \$80,000 deficit in the 1975 budget has forced drastic cuts in purchasing and binding on a system that has already suffered from inadequate funding for the past five years. We deplore the mass cancellation of periodical subscriptions; these missing volumes cannot be replaced. We also view with concern prospects of curtailed library services, including shortened hours.

We believe that the current policies can only be detrimental to the library system. Such deterioration of our libraries will surely jeopardize Caltech's standing as a first-rate educational and research institution and will certainly hamper graduate studies.

The Graduate Student Council unanimously recommends the following courses of action:

1) The library acquisitions budget should be centralized again under the control of the Director of Libraries,

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Provost Christy Responds to GSC

The subject of the Library Budget was discussed at the February 17 meeting of the Faculty Board at which representatives of the Graduate and Undergraduate Students were present. At that meeting a number of those present pointed out that, as of now, the decentralization of the acquisition budget was working out quite well and had led to a useful review of our acquisitions policy. There was concern that the current system might lead to future difficulty but a vote showed support for present policy.

There was general agreement that the Library budget was tight, but no agreement on what activities the Institute should curtail in order to provide more funds for the Library.

These issues are presented in more detail in the minutes of the Faculty Board meeting, and I recommend that all students who are interested in being better informed on the subject should examine the minutes (contact Professor David Elliot).

-R.F. Christy
Provost

The CALIFORNIA Tech

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NEXT WEEK:

Joel Gunter writes this ad!



During the last few years, *Analog* magazine has become the foremost stronghold of pure, hard-core science fiction. John Campbell spent thirty years making it that way, and no amount of fancying it up can change the way it is. There have been a growing number of novels and shorter pieces of work written outside the mainstream of science fiction, more in the realms of fantasy, and this is where the number two and three (sales) SF magazines come in.

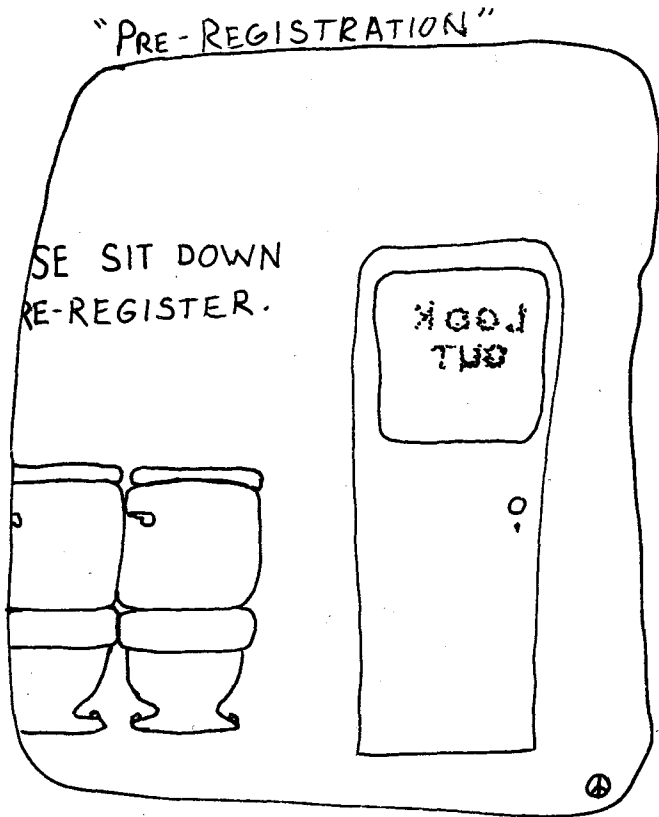
Galaxy has just merged with its companion magazine, *Worlds of If*. What this means is that it is going to attempt to produce the best material that it can, ignoring the "distinction" between science fiction and fantasy. As if to emphasize this point, the primary feature in the first few issues has been (and possibly will be) the new Roger Zelazny novel in the Amber series, *Sign of the Unicorn*. This novel was supposed to finish in the March issue, but appears to be still in progress. At least, after reading it twice, I think it is still in progress. *Galaxy* has Theodore Sturgeon as a contributing editor, and are stuck with Jerry Pournelle as Science Editor. Other than that, they are doing all right, but somehow lack the flair of the other two major SF mags.

I first read *Galaxy* in 1963 and wasn't enthused enough to buy it regularly. I'm still not.

The Magazine of Fantasy and Science Fiction is the full title of what I consider an excellent magazine. F&SF has been around for 25 years, trying to print as much outrageous material as it can and still survive. It was the refuge of the "silly" stories of supposedly serious authors, featuring such novels as Heinlein's *Star Beast* and *Have Spacesuit, Will Travel*. It was the home of unlikely collaborations and new authors who turned into stars. Zenna Henderson's "The People" stories were printed in the pages of F&SF, as well as a number of stories that won acclaim for both the magazine and the authors, such as Zelazny's "A Rose For Ecclesiastes."

During the last few years, F&SF has apparently had some troubles, with companion magazines dying off and circulation stubbornly failing to rise. A number of issues have been just plain inferior, but the trend is apparently upward again. In recent issues, there has been a series of stories of a rather mind-warping nature. As some of you may remember, Kurt Vonnegut (*Slaughterhouse-Five* and others) wrote of the existence of

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Audience

Smit Delights Ramo Audience

by David Callaway

Playing to a select few in Ramo Auditorium, Leo Smit managed to delight a sizeable fraction of the audience with his pianistic ability and interesting memories on a recent evening. Although Smit's abilities at the piano were somewhat less than master class (he made mistakes, and stopped dead at the end of each page of music until it was turned) his own charisma and showmanship pulled this through with hardly noticeable effort.

Smit's performance, the Second Student Ticket Fund Concert, entitled "Composers I Have Known and Played For: Music and Reminiscences" dealt with some of the more modern com-

posers, exposing some of the feelings that went into composition of the works and attitudes toward music that gave a real meaning to the music he played.

The first small tale opened with anecdotes of Nicholas Nabokoff, with Smit's description of the man as a "lively extrovert" who would climb the long stairs to Smit's room each week to give him lessons on the piano. He told also of Nabokoff's enthusiastic embracing of Smit's father and ensuing celebrations over Smit's first compositions, and then launched into one of Nabokoff's more difficult compositions, the *Contrastes et Developpements*, which was composed

Psychic Research To Be Discussed

This Thursday evening at 7:30 p.m. Ms Norma Bowles will be discussing the current state of legitimate research into psychic phenomena in this country. The discussion will take place in Clubroom 1 at Winnett Center, and will be preceded by a student-catered dinner (featuring stuffed peppers) with her at 6:30 p.m. in the Y lounge. Those who wish to escape board contract to enjoy a fine meal (for only \$2.50) should make an advance reservation at the Y office (x2163) by noon next Monday.

Ms Bowles is coordinating the exhibition "Psi SEARCH." It is the first exhibit on the scientific investigation of psychic phenomena ever to be held in this country, and will be at the California Museum of Science and Industry until March 31.

in 1935. Reflecting the fiery Nabokoff's character, the *Contrastes* is a fast, loud and wholly impressive piece which Smit managed to play moderately well. Jumping up from the piano at its conclusion, Smit's face was drenched with sweat and he had trouble catching his breath for a few seconds from the strain of playing the piece as well as he did.

The second composer Smit honored with his attention was Aaron Copland, who is now nearing his 75th birthday. He describes Copland as a quite different man from most composers he played for—"Most composers will eagerly await the ending of a piece so they can suggest and criticize... Aaron maintained that since his work had been published, it was no longer his, and each performer had the right to do as he wanted with the piece." To accompany this description of Copland he chose Copland's *Piano Sonata* (1939-41), which is one of the first Copland works to receive widescale attention. Smit managed to play this work surprisingly well—most pianists when confronted with dissonant

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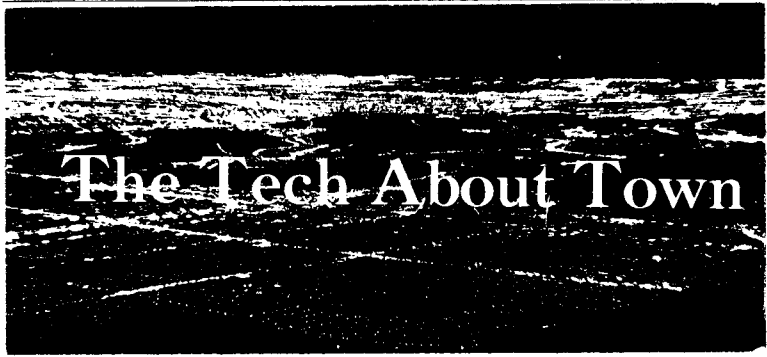
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ACADEMIC CREDITLEADERSHIP DEVELOPMENT**EXECUTIVE EXPERIENCE**CHALLENGES**ACADEMIC CREDIT**LEAD



That premonition of dancing turned out to be Dance Expression Week (Mar 3-8) at PCC, sponsored by the Pasadena Dept. of Recreation. Flyers are in Winnett.

Now that that's cleared up, we can go back to the more normal disasters that haunt this column. One of the greatest disasters I've seen in a long while is the new Civic Light Opera season, opening May 13. It will feature: 1) Robert Morse in *How to Succeed in Business Without Really Trying*; 2) Nannette Fabray in *Wonderful Town*; 3) Yul Brynner in the spectacular new Leigh-Segal bomb, the *Odyssey* (yes, that one); 4) the marital team of Robert Goulet and Carol Lawrence in *Camelot*. I can almost read the damning reviews.

Cinemathech is back tomorrow with Truffaut's *Shoot the Piano Player* and Rene Clair's *The Italian Straw Hat*. Dr. Nancy Beakel will deliver the special

Watson lecture on the psychology of the Caltech family Monday, and Dr. Donald C. Johnson will speak Wednesday on the integration of anthropological finds in the Afar Triangle, Ethiopia. Dr. Johanson is the discoverer of a humanoid skull some 3.6 million years old. Friday Beckman will present the National Shakespeare Company's production of *Two Gentlemen of Verona*, which promises to be outstanding.

I'll leave the usual drivel about events alone this week, and deal with a newcomer in the area, the Meeting House Cabaret. Four months ago, an old catering hall at 831 So. La Brea in L.A. reopened as a theater-cum-restaurant-cum-discotheque. It featured a political satire-revue, "What's a Nice Country Like You Doing in a State Like This?" The show is still going strong, being very well received on all parts. Discotheque dancing was offered after the shows.

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The Fred Logs

Gimli, Legolas Show Up

A few flakes of snow drifted down from the gray sky as Hugh and I walked back to our horses from the gravesite. Lloyd had lagged behind to have a few words with Father John, who had just committed the body of his brother Robert to the earth. It was three days now since the great battle with the hobgoblins but an air of gloom still hung over Hollystone from the tragic deaths of seven would-be adventurers and two of their hired men. The small treasure we'd found was little compensation for their loss.

Tomorrow, at first light, Hugh and Lloyd and I were leaving town to ride up to Stockton, a small dairy town to the north. The reason we gave for the trip was to convey birthday greetings to the Lady Deborah of clan Graham, another lady friend of Lloyd's, but in reality Lloyd was just as concerned with simply getting out of town having been the sponsor of the illfated dungeon expedition.

The Coming of Sterling

That night at the Fiery Gronkel I rather unexpectedly ran into Sterling, an old friend who was also traveling north to visit Lady Deborah. He had just ridden

in from a stay along the beach and I took some time to bring him abreast of the news. His reaction was rather negative. Sterling considered fighting and bloodshed to be vulgar and preferred the higher virtues of nobility to be the only excuse for the pursuit of knighthood. This is not to say that he was not a strong or competent fighter when necessity pressed. Only that he placed a high value on life and would never consider going out looking for trouble. I indicated that we weren't likely to do any adventuring on this journey and it was soon agreed that he and his companion, an elf named Legolas, would travel with us (despite the misgivings of Lloyd who saw no threat from me but fancied Sterling a competitor for the favor of Lady Deborah).

The next morning it was obvious that Lloyd still feared finding his head nailed to the wall of an orc's lair. He had just given a tenth of all his belongings to the church and, in addition to four hired men-at-arms, was bringing along Father John in hopes that the Almighty would look favorably upon his piety. So as a party of ten we rode for Stockton,

reaching it by nightfall.

Sterling Scoffs

Now it seemed that in the company of the Lady Deborah's father was one Gimli, a dwarf of fiery temper and unbounded ambitions. The very night of our arrival he learned about the dungeons and began to draw tales of daring out of Lloyd. This continued in the evenings while Sterling fumed and scoffed and I watched to see what would develop. Lady Deborah was intrigued by it all and I noted that at the mere mention of the word gold her eyes would light up.

On the third night Lloyd was finally persuaded by Gimli and his friend George, an uncommonly good bowman, to lead an expedition on the next day. Hugh jumped at the chance for action and of course I was dragged in. Sterling hung back at first but the thought of staying behind with nothing to do while the rest of us increased our standings in the lady's eyes soon persuaded him. [Ed. note: Sterling had somewhat limited intelligence.]

Halfway Home

It is fortunate (or perhaps not so) that the dungeon lies almost

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This week's show at the Ice House is a mixture of rock, folk music and comedy, which ain't bad at any price. James Lee Reeves & band, the star act of the show, provide most of the rock and some of the comedy in this show, with a four member band and arrangements for five instruments (a feat to be explained later in the article). I have seen Reeves on several occasions, and he has always been good. Before this, he was normally accompanied only by his sister (who plays great boogie piano) and his own guitar. Now, he has a band of two others, a drummer of good quality for this kind of music (Davy Bones) and a lead guitarist (Cliff Fields) who plays with a pure rock style that frees Reeves of the burden of trying to carry a song both instrumentally and vocally, often in two separate directions. Maria plays both piano and organ, sometimes simultaneously (that, by the way, is how you get five) with great skill at both. Reeves himself plays bass guitar on some numbers, and the bass you will have to see to believe. As far as I can tell, the entire body of the bass is covered with black leather. It (the bass) is called "Punch Gun" by Reeves, who now wears a black cap with a silver bass emblazoned on it. These flashes, plus the black shirt and pants worn by Reeves, came across with an incredible image of a cross between motorcycle gang and idealized gunslinger. If you have seen the movie "Zachariah" you will know what I mean.

James Lee Reeves opened his show with a couple of quiet numbers, while Maria and the band sat in the audience or offstage. After the second of these, the allegorical "Virginia,"

the band really came on strong. After a couple more songs, James Lee unbuttoned the top buttons of his shirt and became Presley for the song "All Shook Up." Then he unbuttoned it the rest of the way and became Jagger for a few bars of "Jumping Jack Flash." Later he was Johnny Cash for "Folsom Prison Blues." These impressions clashed a little with the rest of the show, but they were good and were fun. Some of the other songs in the evening included "Foxy Arab," "Sweet Susabelle," and "Tootsie Roll." The best songs were the ones that came across as something that Reeves really wanted to sing, the two best being "Punch Gun" and "Highway 5." The latter was sort of a theme song, being used to close both sets. It sings of a band spending its time traveling Highway 5 up and down the California coast "Trying to make a living as a band just as best we can." The point of the song almost slips by in one of the verses: "Rock and roll makes Highway 5 worthwhile." Sort of like "Truckin'" about a band *before* it reaches the top.

Jeffrey Commanor opened the show, a somewhat obscure recording artist who deserves a larger following than he now commands. His music is somewhat modern country, sort of John Denver with guts. His songs are mostly for fun, and avoid the mushfulness of most modern country singers as well as the deadly nasal yecch of older style singers in the field. "Swamp Stomper," "Quasimodo Blues" and "Robot Love" were all craziness of the good kind, while "I'm Okay to Play" and "On the Road to Nowhere (and I'm Almost There Tonight)" were of a more sombre tone even while

being upbeat. Jeffrey Commanor is a good songwriter and a reasonable singer, and I look forward to hearing his upcoming album (which I think is on Epic) whenever it comes out. I mean, Bob Dylan he's not, but then who is?

Samuels and Cohen were at the Ice House for the first time, and brought with them some very funny material. One of their skits reminded me of an old cartoon (from back in the days when cartoons were actually good) that showed the Jekyll-Hyde transformation of an average citizen when he got behind the wheel of an automobile. Another bit that was good was "Mafia" (sung to the tune of "Maria") with lines like "Mafia, say it loud so someone will hear you. Say it soft, for the hit man is near you." If they disappear mysteriously after a show one night, we'll know why. I think that these two will be appearing on TV sometime in the near future, from comments they made, but I am not sure where.

Next week the featured performers will be Harriet Schock and Pat McCormick, Shows run from Tuesday through Sunday, with special shows on Monday nights. You can probably still get seats for J.L. Reeves and company for this weekend, but hurry!

In last week's issue I promised to compile a list of people who have started out at the Ice House and made it big. Ten years ago this month, right here under this very logo (different author, of course) there were reviews panning (somewhat) newcomers Pat Paulsen and Mason Williams. Of course, the reviewer did change his opinions in subsequent reviews, but...

Curio of the week: Art Linkletter once recorded a live album at the Ice House. Try that on the nearest trivia expert (who doesn't read this column, of course) and boggle his little mind.

-Nick Smith

Audience

Continued from Page Three

sevenths and sixths will either play them so loudly as to drown out any beauty in them, or so softly as to obscure the dissonance and hide what it one of the most beautiful portions of the music. Smit did neither, and probably played this piece better than any of the others.

The next composer he discussed was Igor Stravinsky. At the age of fifteen, Smit was hired to be a rehearsal pianist for the performance of Stravinsky's "Card Game" ballet. Stravinsky, he recalled, did not fit the typical type of the composer—he dressed far too loudly and played the piano poorly—"he poked at the keys and used a glissando where a scale was needed"—but apparently impressed Smit tremendously.

The first piece of Stravinsky's that Smit played was a waltz from "Figaro," composed in 1922. A rather simple piece, which could probably be played with three fingers, it is nevertheless interesting to hear. The next piece was a tango (1940), and in the best traditions, nearly brought down the house. The concluding piece was Stravinsky's virtuoso-style *Piano Rag Music* (1919).

Alexei Haieff was the next composer he discussed, and played his "Notes of Thanks"—*For and About Aaron; Love Song Italienne; and Minsky's San Souci* about a bump and grind place: "it ends with a final bump." And Smit, who was beginning to exercise his capacity for innovation, swung his body full around at the conclusion of the piece, in exaggeration of the way he had played the last measures.

The "heroic" Bela Bartok, a hero for composing in the face of the world's indifference was the next composer Smit portrayed in his narrative. Smit explained that Bartok was a shy, isolated man, slight of build, "he

weighed only 95 pounds," concluding that there must be a place for heroic spirits, and that in that place one would find Bela Bartok. Bartok's *Improvisations*, (Opus 20, 1920) difficult piece to perform, were used to illustrate the composer's life.

The final composer Smit had known and played for was Leonard Bernstein, and Smit had arranged four movements from "West Side Story" for this. Here, Smit underwent a metamorphosis from the semi-serious pianist to a Tin Pan Alley songwriter-pianist type, "I hope the finger-snappers are ready" and managed to snap his fingers as well as play. The arrangements, first criticized by Bernstein as not flashy enough, "like the Liszt transcriptions," were a Smit-Bernstein mixture as far as personality went, but it is difficult to tell if there is much difference between the two. After two encores, a backstage reception followed.

More Summer Grants: Richter Scholars

A grant from the Evalyn E. Cook Richter and Paul K. Richter Memorial Funds will provide support to Caltech undergraduates for research in Physics and in Mathematics during the summer of 1975. Stipends of \$90.00 per week for up to ten weeks are available. Interested students should contact Professor T. A. Tombrello (Physics) or Professor R. A. Dean (Mathematics). Application forms for work in mathematics and physics are available at the Mathematics Office (253 Sloan) and the Physics Office (103 E. Bridge), respectively. The applications must be completed by April 1. Selection of these Richter Scholars will be made early in third term.

$$Ee^{+E/kT}$$

Protest

Continued from Page Two

2) The library acquisitions budget should be increased to match inflation, allow expansion of our reserves, and meet a realistic operating budget. We concur with the Faculty Library Committee's recommendations

concerning alternate sources of funding; we also suggest fund drives specifically for the library and, if necessary, diversion of funds from other sectors of the Institute.

3) Henceforth, input from the Faculty Library Committee (which was not consulted in the final decisions about the decen-

tralization) should be sought.

4) Student suggestions and cooperation in economizing and streamlining library services can be solicited.

We strongly urge that the administration take these recommendations under immediate consideration, in order that changes may be incorporated into next year's budget. We invite administration representatives to respond in writing (as in the student newspaper) or in open hearings.

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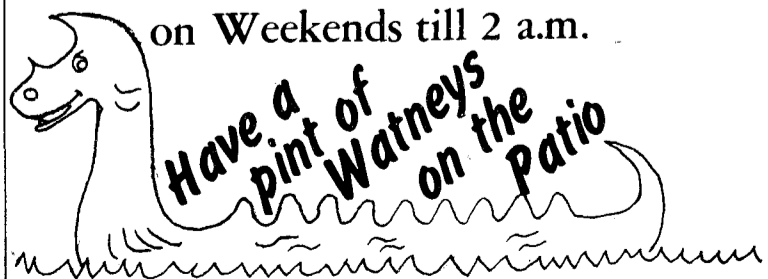
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Starships

Continued from Page Three
the world's worst science-fiction author, Kilgore Trout. Trout is featured as a character, onstage or off, in some of Vonnegut's novels. Trout's most infamous novel was supposedly entitled *Venus On the Half Shell*. Lo and behold, the December and January issues of F&SF featured a serialization of this fictitious novel, along with an even more spurious biography of Kilgore Trout. In that novel, the main character makes reference to his favorite author, Jonathan Swift Somers III. This author's detective stories, written a couple of centuries from now, feature that

famous talking-dog detective, Ralph von Wau Wau. You guessed it. The march issue contains the (chronologically) first Ralph story, "A Scarlet Study." All of you who are Sherlock Holmes fans can stop groaning now.

The March issue of F&SF is the first after the recent price increase to \$1 per issue (wince) but is worth the price. It has stories by R.A. Lafferty, Harry Harrison, L. Sprague de Camp, Fritz Leiber and others. Admittedly, this issue bills itself as an all-star issue, but they seem to have at least two such issues per year, as well as a reasonable average issue. Isaac Asimov's science articles are worth most of

the price by themselves, with Gahan Wilson's cartoons making up the rest.

While I am on the subject of SF magazines, a relatively new, semi-amateur magazine came to my attention recently, *Syzygy*. It seems to have a high percentage of artwork, some of it by some of the top names in fantasy artwork, including Jim Steranko and Jeff Jones. They appear to be trying to find writing and artistic talent on the college level whenever possible, so any budding writers or illustrators out there pay close attention: *Syzygy*, Simon Jester Publications, 3558 College Station, Fredericksburg, VA 22401 is the address. Subscriptions are high

for this sort of thing (\$5 for three issues) because of very low press runs, but at least it's something. If I can get a copy of their most recent issue, I will review it here for your delectation.

Further note: the newest issue of *Unknown Worlds of Science*

Fiction, an effort to present good SF in a black-and white illustrated format, includes stories by Harlan Ellison ("Repent, Harlequin, Said the Ticktockman") and Larry Niven ("Not Long Before the End"). The issue is worth buying, so buy it.

—Nick Smith

T about T

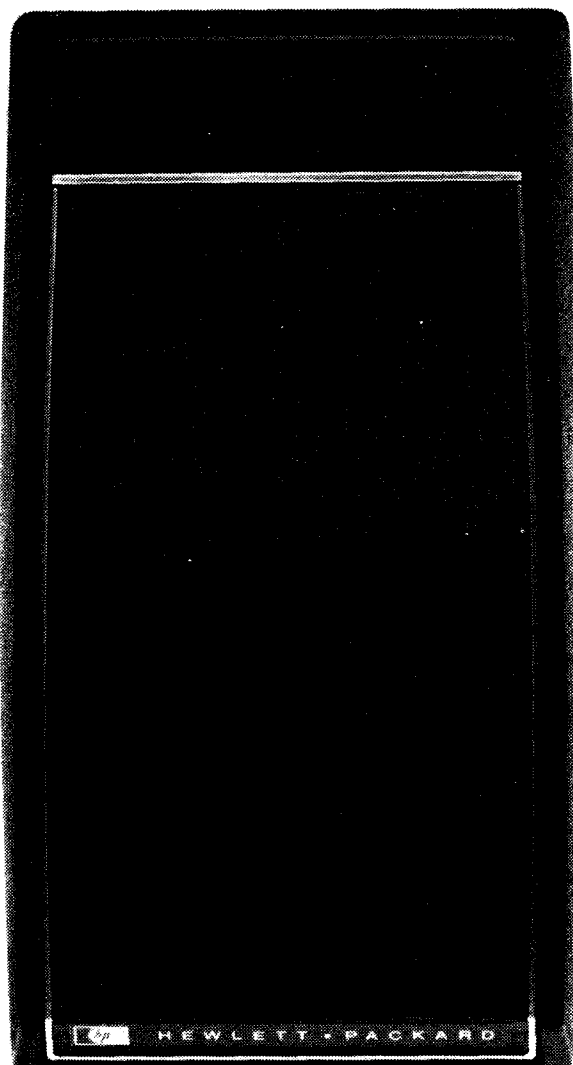
Continued from Page Four

Now, there is a complete bar, gourmet food (the main entree is "boneless breast of chicken in wine sauce" which was once, I think, called coq au vin), more space for dancing, posters on the wall, and a new organization in entertainment, one based on the

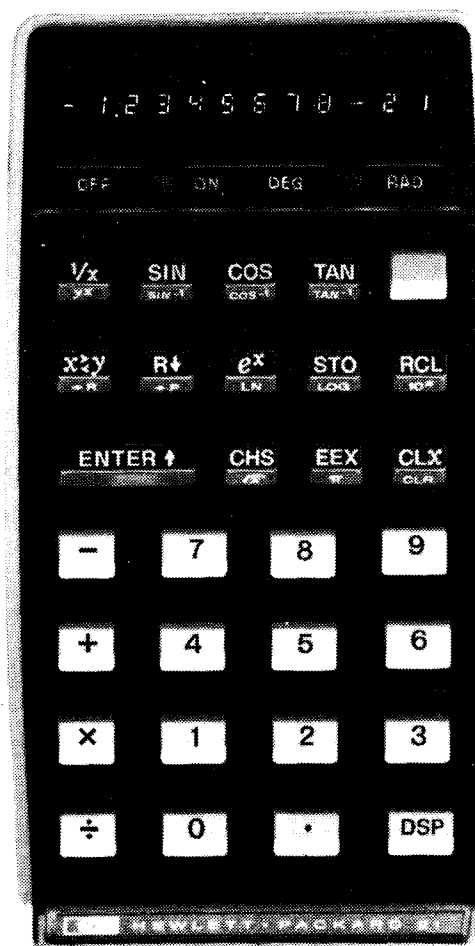
grand tradition of supermarkets and multi-film theaters. What this means is simply more than one show. The new show is *El Grande de Coca Cola*, also a satire, and also proud bearer of rave notices. What the Meeting House Cabaret is doing is to present *What's a Nice Country...* Tuesday through Saturday at 7:45.

—Chris Harcourt

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Fire Alarms

Continued from Page Two

to be, not to say where he belonged. Having accomplished his duty with perfection, Thompson jumped into his truck to head back for his office, when he suddenly perceived a faint (somewhat questionable) distant sound that seemed to resemble that of a fire alarm.

With astounding precision and speed Thompson headed for Noyes, locating the source and the cause of the alarm, while others in Noyes, including myself, still were searching for the possible location of the emergency.

The alarm was caused by malfunctioning of a trigger device for the sprinkler system in the solvent-storage room of Noyes and was accompanied by a hurricane-like downpour of water, flooding the first floor.

It was, indeed, very fortunate that Thompson knew his way around. Having ascertained himself that nothing was burning in the storage room he immediately rushed to the basement, located the correct room and closed the correct valve and put a halt to the flash flood, then alerted the fire department that everything

was under control. The fire trucks, already on their way, were called back before they ever could arrive at Caltech.

All this happened before I myself was able to get down to the sub-sub-basement to alert the mechanics in the ventilation room and then get back to the upper floors to do some further checking.

So much about the monkey business, the fire alarm, and the flood. What is Thompson going to be busy with next? Catching Guinea pigs, finding and pulling the proper circuit breaker somewhere on campus, or giving emergency aid?

There are two important points that I want to stress with this description of events: (1) The new fire-alarm system really worked, the nice feature being that it is audible outside the building. (2) The emergency mechanic really knew his way around and acted with astounding speed and precision, thus forestalling what could have amounted to a very extensive damage in the rooms below (the solvent-storage area) a few minutes later. Some damage was done, but it could have been a very expensive affair.

-Sten Samson

Mix It Up

Continued from Page One

Roman Empire by inventing horsemanship. And my listeners would shout 'Fool!' But where are the Romans today? Radios, motion pictures, television: these things are impossible, right? They're all science fiction. Every time we think about tomorrow, or next week, or the years ahead we think science fiction.

"We need a vision, a metaphor to make our reality livable. We need enthusiastic people dedicated to truth. Modern literature offers us the anti-hero. The anti-hero! That's a lot of crap! We need heroes. Do you know of any scientist or astronaut not influenced by Verne or Burroughs?"

Murray observed that Bradbury views science fiction as a force both inspiring and anticipating society's rapid technological changes. On the other hand, Hoyle places society on a precipice from which it may well plunge to its doom. Thus, Hoyle believes science fiction would confront the great crises facing society. Murray then presented to Hoyle and Bradbury several questions from the audience.

Should science fiction seek

primarily to entertain or to educate the reader?

Hoyle: *The writer must decide for himself. Therefore, some books will be pure entertainment while others will mostly educate. I would have loved to write Animal Farm, but not 1984, even though the latter has had a great moral impact.*

Bradbury: *I totally agree. Back in the 50's a writer would be seeing that SOB Joe McCarthy witch-hunting and suppressing books. So he turns out a science fiction story about book burning. Jules Verne was a very moral writer but he never pontificated. He had a beautiful philosophy: Use your head to be bright. Use your heart to love. Use your hands to change th' world.*

Who is your hero?

Hoyle: *Beethoven. I admire his driving energy. He was able to write 33 variations of a waltz even when the other 49 composers had a hard time composing one variation. Beethoven typifies the kind of energy our society needs today. He once said, "I don't know if I've achieved very much, but I've never had an idea which I've failed to exploit."*

Bradbury: *My hero is another egotist, George Bernard Shaw. After all if you don't stand tall when they cut you short, you'll be mighty short indeed. You young people should read his plays. He really understands your problems. In a short story of mine (which I just happen to have) I have my robot Shaw say, "We are the miracle of force and matter turning ourselves into imagination and will." The real Shaw, at least, fulfilled that description.*

What will happen to mankind in the next thousand years?

Hoyle: *We face our great turning point in the coming decades. Our least serious alternative is the collapse of our civilization to a much lower level of existence. Then, sometime during the next century we might slowly emerge to our present level. If we haven't learned any lessons, though, we'll just collapse again.*

Our bad alternative will happen if scientists can harness nuclear fusion in the next few decades. Then the world's population will rocket to eight billion and beyond. When collapse finally comes it will be so catastrophic as to threaten the extinction of mankind.

We must stabilize our population. Unfortunately people might act sensibly when they're in trouble, but when things go well they resume their foolish ways. Thus, every scientific advance makes the eventual collapse all the more serious. So it seems we face a choice between extinction or alternating periods of civilization and savagery.

Bradbury: *I like to depress people with my optimism, especially since gloom-and-doom prophecy is so fashionable. I remember a certain day in 1934 when the world was scheduled to end at noon. Well, my brother and I decided to have a picnic and enjoy the end. We wondered whether we'd go by fire, flood or some other way. Three o'clock rolled around and we finally went home very disappointed.*

We can solve our problems if we have the will. Money works only because we agree to value those pieces of paper. White lines divide traffic only because we agree they should. Of themselves, those lines are powerless. Both political parties are bankrupt of ideas and young people know this. Our times require we seize power from the state and federal governments and give it back to the people. The young, you see, are really radical conservatives. "Power to the people!" - That's a conservative idea. And we need that power and the creativity to use it. Otherwise, it's 1984.

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There is a women's group starting Wednesday night from 8 to 10 dealing with alternatives, freedom through awareness, and all forms of self-help for women. For information, call Frances at 795-8088.

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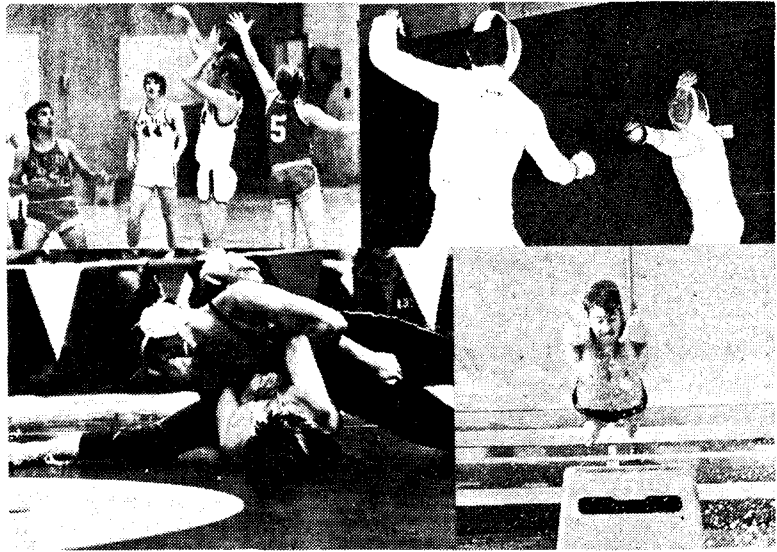
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Page Eight

Friday, February 28, 1975

Tech Hockey Hacks Foes Twice

The unvanquishable Caltech Hockey Team's record is ballooning to awesome proportions. Last Saturday in the Forum Tech managed to render the Occidental team's hockey ability academic. A host of Tech fans were rewarded with an embarrassment of riches as Caltech won the game 6-1. Caltech scorers were Gardner, Evans, Sweeney, Harris, and Wood, who got two. Wood's second goal, Caltech's sixth, occurred with fifteen seconds to go in the game. "That goal," said Wood, "is like Eastern religion, so profound, metaphysical, and redundant." George Yates divided his time on the ice between falling on his ass and making

crucial defensive efforts. For the latter he should be given considerable credit.

On Tuesday night Tech played Northridge and, of course, defeated them. The game was played under protest anyway since Northridge had recruited about ten ineligible ringers for the game. This manoeuvre was consistent with Northridge's generally despicable sportsmanship. Besides acquiring personal friends as referees (for the refs called the Northridge players by their first names) and manning the timekeeper's booth with Northridge sympathizers who actually cheated in order to help their team, the Northridge players marked

the low ebb of human existence. Particularly illustrative was the incident when Daigon of Northridge with no provocation other than his frustration at his own limited ability purposefully swung his stick into Joe Sweeney's face. Sweeney had to be taken to the Huntington Hospital for about fifteen stitches. Never, even in the most vicious professional game, does stick-swinging-across-the-face occur. It is the epitome of poor sportsmanship in hockey. Caltech won the game 3-1 with goals by Gates, Wood, and Harris. Cliff Brown, the drunken sot, played brilliantly in the nets.

This Sunday night at West Covina Tech will once more battle Northridge for the last time this season. Then, on Tuesday night Tech will face UCLA on their home ice in Santa Monica. Both games start at 11:00 p.m. These games are crucial, especially the UCLA one, for if Tech wins these two Tech wins the championship. We urge you not to miss these games.

Tech Drops Three-way Meet

by Dave Sivertsen

Last Saturday Caltech finished third in a triangular meet against non-conference Point Loma and Cal Lutheran. Cal Lutheran was first with 107, Point Loma came on surprisingly strong in the sprints to finish with a score of 52, and Caltech took third with 15.

Placing for Caltech were double duty Doug Herbert in

shotput and discus plus the third place 440 team of Land, Gildner, Choo and Boman. Distance runners fared about the same. Griffin took third in the mile and second in the three mile. Steve Kellogg was third in the three mile.

Tomorrow Tech's trucking trackers take off to take on Whittier at Whittier at 1:30.

Fred Logs

Continued from Page Four

midway between Stockton and Hollystone and was as easy to reach from this side as the other. We passed over snowy fields that years later would be left cratered and smoking by the battles between Law and Chaos. Against the brightness of the day we were a drab procession in dark gray chain mail and helmets, myself unarmored but wrapped in a black cloak. There was one spot of color. Just before our departure Lady Deborah had run up and affixed a golden scarf (her favorite color) to the crest of Lloyd's helmet. On a background of white and gray it stood out like the sun and was soon to earn him the nickname of "Golden Boy."

We soon reached the ruins and formed up to enter them through another sloping tunnel. Dwarves have sort of a sixth sense underground and can detect slopes and traps that others would miss. Elves have an uncanny

ability to spot hidden doors and so Gimli and Legolas were elected to lead the party. The rest of us followed them down with Hugh and Lloyd as rearguard. The passage leveled out and branched and we turned to the left. On the left wall was a door. We listened at it and bashed it open. Inside was a pile of five thousand gold pieces, completely unguarded. Rejoicing at our good fortune we scooped it up and proceeded with the exploration.

Ahead of us the floor was stained with blood and it grew thicker and we proceeded. We were passing through the scene of the great hobgoblin battle of the previous expedition. Even the walls were caked with dried blood but there was not a body in sight. Realizing our location we headed for the old orc's lair and broke into it. This time there were not thirty orcs but only five and they barely had time to draw their swords before we cut them down. Another easy treasure was ours.

Tennis Shines Singly

Although the Caltech tennis team has yet to win a team match this season to date, they have been scoring well in individual matches as evidenced by Tim Ahern's defeat of Jim Bonds in 1st singles at Redlands 7-5, 5-7, 6-4 and then upsetting the Redlands 1st doubles team of

Even Sterling was beginning to enjoy himself.

We entered a short passageway and started to search along the walls for secret doors. Suddenly Gimli let out a shriek and I turned just in time to see him disappear through the floor. Lloyd ran over and found a cleverly disguised pit trap which opened to reveal a furious Gimli ten feet below. He had dropped into an empty troll's lair and was making enough noise to raise the dead. We hurried to pull him out before any came around to investigate.

Gimli was now in a foul temper and with every monster in the place alerted to our presence I suggested that we break off the expedition. We had all the loot we could carry already and surely it would be just as profitable to come back tomorrow with empty sacks. As we rode back to Stockton, heavy with gold, none of us realized that tomorrow's fortunes would be completely the reverse.

Jim Bonds and Joe Gustafson 7-5, 5-7, 7-6 paired with Dave Dummit. The toughest part of the schedule will be ending with a trip to Claremont-Harvey Mudd this Saturday, and squad members are looking forward to the match at Whittier on Tuesday, Feb. 25.

At present the Varsity lines up in order: 1)Tim Ahern, Fleming; 2)Mo Nakatsui, Lloyd; 3)Joe Alonis, Page; 4)Lee Paul, Ricketts; 5)Dave Dummit, Page.

Nathan Lewis, Lloyd, plus Gary Wakai, Page, as alternate singles players. In doubles, Ara Minosian, Page, joins Joe Alonis in 3rd doubles with Ahern and Dummit at 1st and Nakatsui and Paul at 2nd doubles.

Movies With Taste

Tomorrow, Cinematech is showing two really good French films: Truffaut's *Shoot the Piano Player* and Rene Clair's *The Italian Straw Hat*. Shows begin at 8 p.m. at Baxter Hall. General admission is \$1.50. ASCIT and GSC members get in for \$1.

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