Drop Day

The CALIFORNIA Tech

is Today

Friday, May 19, 1978

Volume LXXIX Number 33

HSS Still looking for a Chairman

By Joel Rubinstein The Division of Humanities and Social Sciences will remain without a chairman for at least a few more months. Ruth Marcus, a very strong candidate, informed Caltech Tuesday that, although she finds Caltech very attractive, she has strong emotional ties to Yale and wishes to remain there. The chairman selection committee will meet again next

week to begin the process of finding another suitable candidate. The qualifications include scholarship, administrative ability, and experience in academic institutions.

It would be a mistake to suppose that Ruth Marcus' rejection of the offer is any rejection of the Division of HSS or of Caltech itself. She said that she would be happy to work at Caltech and would have been enthusiastic about the job. However, She earned her B.A. at Yale, and she has been on the faculty there for several years, and would like to remain there at least a few more years. Meanwhile, back at Caltech,

the slow selection process continues.

Eight Rings Found Around Uranus

Indications of three additional ings around the planet Uranus, ringing the total to eight, have een discovered by Caltech and Iale Observatories astronomers. hey have also confirmed that me of the rings is relatively broad nd eccentric, and found that it recesses about the planet, rather ke a lopsided Hula Hoop. This ing's width apparently varies onsiderably, being narrowest ear the planet and widest at the arthest point from the planet.

The astronomers also onfirmed that the rings of Jranus are, indeed complete rings nd not partial arcs of material.

Disclosure of the discoveries 'as made last Saturday (May 13) y one of the astronomers, Peter Goldreich, professor of lanetary science and astronomy t Caltech. Dr. Goldreich elivered a seminar to Caltech





Howard Jarvis, co-author of Proposition 13 spoke at Tech on monday. After hearing his presentation, which was sponsored by the Caltech Y, the ASCIT BOD commended Jarvis, in the BOD presentation, which was sponsored by the Calleon 1, the rooth bod communication and unusual place. Minutes, for "being able to walk and breatheat the same time," while having his head in an unusual place. Photo by the Lat

AGAIN STILL More About MORE This article is the fourth in a

series of articles reporting and discussing the results of a comprehensive poll on sexuality and sexual mores.

This week I will be discussing four different graphs of data obtained from this poll on sexuality and sexual mores.

The first graph which I would like to discuss this week deals with sexual satisfaction, in the form of orgasms. This graph is shown on page (5). The question asked was, "What proportion of times do you achieve orgasm during sexual intercourse?" There were four possible answers listed on the questionnaire. These four responses were: "All the time (or almost)", "About 3/4", "1/2 to 1/4", and "None (or almost)." The graph shows the percentage of people who respond in each of these four answer categories.

headed by James Elliot. Five main rings were found with radii ranging from 44,800 kilometers to 51,800 km, and widths from 3 to 100 km. The rings of Uranus are quite narrow compared to Saturn's rings, which measure about 50,000 km in width. All the Uranian rings lie in the same plane The Caltech Hale Observatories team observed the rings, which are normally too faint to be detected by telescopes, by measuring how the light from a distant star blinked on and off as it passed behind the rings, said Dr. Goldreich Such "occultations" are very rare, and this is only the second such instance since the occultation used in the discovery of the rings last year. The star used for the new measurements was 100 times fainter than the star used in the original discovery. The astronomers were able to perform

The general thing to look for all females never or almost never in studying this graph is the overall shape of the response curves. Are the four answers used equally by the responders, or is there a leaning of the answers towards one extreme or the other?

In glancing at this graph on sexual satisfaction, one is at once struck with the incredible dichotomy between the male and female responses. In all of the male subpopulations polled, the overwhelming majority of people experience orgasm all or almost all the time during sexual intercourse. The three female subpopulations shown in this graph show a rather different picture. Even Playboy found that only around 30% of all adult females achieve orgasm all or most of the time during sexual intercourse. And close to 20% of

more sensitive measurements. however, by observing the star in the infrared region of the spectrum. At these wavelengths, Úranus reflects little sunlight, and thus appears extremely dark, allowing astronomers a more

have orgasms during sexual intercourse. This is in stark contrast to adult males, of which over 80% achieve orgasms almost all the time during sexual intercourse. And much less than 5% of the adult males polled by Playboy never achieved orgasms through sexual intercourse.

5

Some reasons and ideas behind this dichotomy of responses between males and females must be explored. The most obvious explanation for these results is basically biological. Sexual intercourse tends to lead to orgasms for males, while the act of sexual intercourse alone usually does not provide proper stimulation of the clitoris for females to obtain orgasm. This fact has been shown by Masters and Johnson and is **Continued on Page Five**

To Run for

a Day . . .

By Rob Bourret

Tommorrow morning, five people will tense behind a white chalk line on the Caltech track., preparing to embark on an effort perhaps unprecedented in their lives. A voice will utter two simple commands, an arm will raise, and precisely at 9am a gunshot will shatter the stillness of the cool morning air. Fifty of the cool morning alf. Fifty members of the Caltech c om m u n it y (including undergrads, grads, JPL, relatives, & friends), backed by a legion of over sixty timers and support staff, will begin the 2nd Annual KELPOE 24 Hour Belay

KELROF 24 Hour Relay. Divided into five ten-man teams of varying ability, with each person running a 1-mile leg and then passing the baton on, they will attempt to cover as many miles as possible before 9am Sunday morning. The overall goal: a combined 5 team total of 1,000 miles, and all 50 runners completing the grueling (but fun) experience.

In an exclusive interview with the Tech, head organizer and 1st team captain Steve Kellogg commented on the chances of his squad breaking last year's record of 247+ miles: "It's rocked." The Caltech Cripples Without Crutches, returning with eight out of the ten original members are hoping to break 200 (to better their previous mark of 189+), while the Page Frosh are going for 175. The other two teams (unnamed at press time) have goals of 225 and 150 miles respectively.

interested in Anyone improving on an otherwise boring weekend (e.g needing a good excuse to avoid trolling, or something to do after the ASCIT beach flick) is welcome to help out, or at least stop by for a while and check up on how things are progressing There will be a meeting at 5 pm today in the classroom at the gym for all timers and other help. (If you can't make it, get in touch with Rob Bourret, 104 Page, x2181).-Remember, if you have the

urge for something different anytime this weekend, we'll be there until Sunday morning.



lumni on the campus for Alumni bay.

The observations were made on pril 10 by Eric Persson of Hale bservatories using the 2.5-meter u Pont telescope at the Las ampanas Observatory in Chile. imultaneous observations by altech's Keith Matthews and erry Neugebauer with the Hale meter telescope at Palomar lountain were foiled by fog. The ata were reduced and interpreted y Philip Nicholson, a planetary sience graduate student.

The rings of Uranus were riginally discovered on March 10, 977, by several independent oups of astronomers. The most efinitive results were obtained by team from Cornell University

sensitive look at the star passing behind the faint, narrow rings.

One especially intriguing discovery was that the rings of Uranus have extremely sharp edges.

'It may be that the rings are defined by resonances with the moons of Uranus, which channel particles into tight ring patterns,' Dr. Goldreich said.

Currently, the rings of Uranus must be classed only as fascinating curiosities," he said "with only a hint that they may have broader implications for theories of the formation of planets and their satellites."

Continued on Page Two

There will be an election held Tuesday, May 30 to on determine the fate of the current ASCIT by-laws and resolutions. The BOD and the Excomm feel that the by-laws as they now stand are too restrictive and therefore do not allow for enough mobility on the part of the BOD with regards to legislative matters.

The revised by-laws will be collated at the BOD meeting on Monday, May 22 (9:30 pm in the Y Lounge). All interested persons are invited to attend this meeting and make suggestions if they wish. The final copy of the

proposed by-laws will be available immediately after this meeting and make suggestions if they wish The final copy of the proposed by-laws will be available immediately after this meeting and will also be posted in each of the undergraduate houses by Tuesday evening, May 23,

If you have any questions or comments, please feel free to contact any of the BOD members. Please take some time out to read the proposed changes and to vote on May 30.

Larry Friedrich ASCIT Secretary

Uranus

Continued from Page One In the Caltech seminar, Dr. Goldreich also described what is currently known about the rings of Saturn. Studies of radar waves bounced off the rings, of reflected sunlight, and of infrared and radio emissions, have given rise to two competing theories of the composition of the famous rings. One theory holds that the rings consist of centimeter-to-meter-sized chunks of water ice. The other theory is that the rings are composed of meter-to-kilometer-sized chunks of meteoric iron.

Theories of the Saturnian rings' thickness produce estimates ranging from 10 meters to one or two kilometers, said Dr. Goldreich. Dr. Goldreich also described studies being conducted by himself and colleagues at other institutions on the distribution of material around the rings, their formation, and the origin of the gaps in the rings.

By M. Eric Kiddie

team claimed two more victims

in last week's conference play,

clinching fourth place with a

proved to be little match for the

storming Techers. Invading the

opponent's home links, Caltech

overwhelmed the Stags 49-5.

Leading the way was the twosome of Charles Curatalo and

Terry Thomason, shutting out

their adversaries 18-0, Bob

Chess and Andy Falls added icing

to the cake with a commendable

at the tortuous Jarupa Hills

display of Caltech teamwork and

savvy. For its solid fourth place

finish the squad advanced a

Sophomore Nelson Goldekenner,

The Conference Championship

12 point performance.

Highly -touted Claremont

6-6 record.

The fast-finishing Caltech golf

Golf Takes Fourth

<u>Letter to the Editor</u> Concert Noise

To the Editors: The lunch hour concert held at the end of last week outside the Winnett Student Center reminded me of a letter which I should have written quite some time ago.

Earlier this year, one of the campus organizations sponsored a noon concert by a group known as Satyr. Their appearance here was a singularly unpleasant occasion for both the person I work for and for myself. I happened to be spending the lunch hour that day in my office, which is in Arms, a considerable distance away from the courtyard where most of the noon concerts are held. At just past noon both my boss and I found ourselves blasted from our chairs by the "opening chords" of Satyr's first number. The blast continued for the duration of the noon hour. I personally object to being

conditioned to this at Annandale

we're in good shape, though. I'm

playing well because this track is

similar to my home course of

their previous matches, Caltech

finished in a blaze of glory, utterly besmirching Whittier in

the closing match of the season,

48-6. The unrelenting pair of

Bob Chess and Andy Falls forced

humiliating surrender after the first nine holes, claiming 18

points. Chess commented on the

eccentric style of his opponent:

"I must say I was amazed by his

unorthodox practice of kicking

his ball out of trouble. It luckily

shot an astounding 66 on the

most successful season in recent

This coasting victory was an

front side anyway.

a

their opponents into

Backed by the momentum of

Dorado Beach, Puerto Rico."

subjected to such a "concert" when I am located half the campus away. Normally, music from noon concerts provides a reasonably faint, even pleasant, background when one is obliged to work inside during the noon hour. But I think it is highly inconsiderate-I would go so far as to say unfair-to be forced to endure a performance which sounds as if it is under my window when it is in fact in the center of the campus, particularly when the style of music is less than universally appreciated. It is not the freedom to choose whatever kind of music students (or faculty or staff) prefer to which I address the complaint. It is to the circumstances under which that freedom is exercised. Those who do not wish to hear it should not have it thrust upon them at high volume in their places of work.

This particular concert was highly offensive to me and to a good many other people in the far west end of the campus who were obliged to remain in their offices that day. I am sure I speak for more than myself when I register the complaint, along with the hope that this kind of situation will not be repeated in the future. Sincerely,

Erely, Elizabeth Ball

Grayson to Improvise

That uniquely gifted exponent of the art of improvisation, master of the keyboard Richard Grayson, will perform in Caltech's Ramo Auditorium, on Saturday, May 20, at 8 pm

The first half of his program will be devoted to improvisations in Renaissance, Baroque, Classical, Romantic and 20th century styles based on themes from the audience. For the second half, Mr. G rayson will perform compositions for piano and electronic instruments, written by himself, including "Rain," "Ampliant V," and "Meadow Music." He will be assisted by Brian Horner and Charles Seagrave.

For the past several years, Grayson has been involved with expanding traditional piano sounds by the use of electronic instruments. As a composer, he has written a wide variety of music, performed in Hollywood and at UCLA, and his "serious" music both conservative and avant garde, has been performed at the Berkshire Music Festival, - Continued on Page Eight

ASCIT Members 50¢

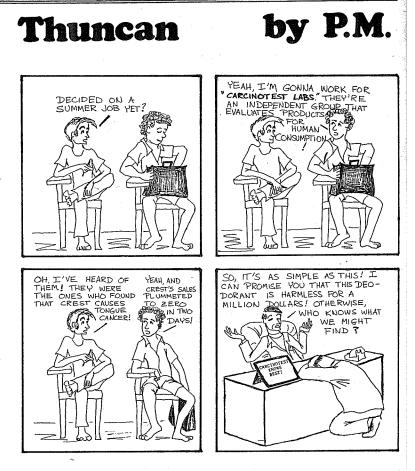
JACK NICHOLSON

Film dedicated to Adam Melch

Next

Week

∰@‼≈ the Navy!



<u>Cinematech</u> **Ashes, Diamonds, & Cul-de-Sacs** This week Cinematech goes to Knife in the Water and

This week Cinematech goes to Poland for perhaps two of the finest directors to come from that country—Andrzej Wajda and Roman Polanski. Representing Wajda will be his award-winning film Ashes and Diamonds, and for Polanski, Cul-De-Sac.

The first feature of the evening will be Ashes and Diamonds. His style is rather similar to the early Soviet films of Pudovkin and Eisensteinfacial expression and body movements are intensified. Cast in the rubble of the recently ended WWII, a member of the Polish resistance movement is given the assignment of killing the new Communist district secretary. Alas, he mistakenly kills two innocent men. Tired of fighting, he falls in love with a barmaid. His fate is sealed and he must wrestle with his duty and his abhorrence of war and destruction.

Winner at several film festivals, Wajda has been called a 'one man' Polish wave. His production is even more impressive considering that it was made in a Soviet satellite country.

The second feature of the evening is Roman Polanski's *Cul-de-Sac*. Made in Great Britain following his earlier two films:

Others \$1.00

The

Last

Detail

Cannes Film Festival

award winner

Friday Night at 7:30 and 9:30

IN Baxter Lecture Hall

Marathon Man

R

Repulsion, Polanski continues creating his own universe. In this film, Polanski represents man by three refugees from society: an industrialist, his wife and a small-time gangster. The mood of the film has been described as 'razor-edge slapstick'. Tension is set up throughout the film. Polanski clashes all sorts of items to catch the viewer off guard-Romanesque stones to sooth the eyes and electronic jazz to grate the ears. In the end the industrialist is left forlorn by a rock, Polanski's view of the world.

Continued on Page Six



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Spencer Klein Managing Editor Joel Rubinstein

Business Manager Kevin Drum

Writers Martin Goldberg, Mike Kurilla, Bob Morrison, Brett Stutz, Richard Willson

Photographers Al Kellner [*Darkroom Chairman*], Greg Bone, Joe DiGiorgio, Kam Yin Lau, Yin Shih

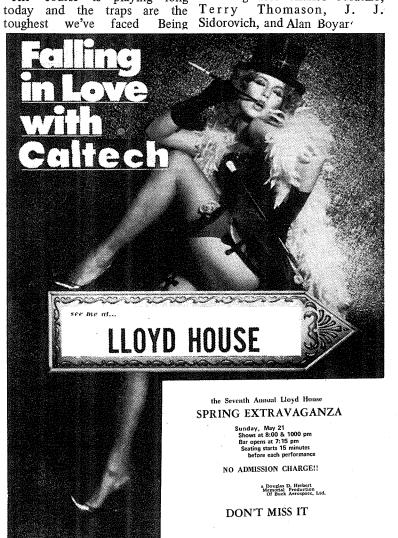
> Production Nick Smith

A. . . .

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The Nice Lady Across the Hall Who Provides Donuts

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Country Club was a memorable didn't matter much because he

notch in conference standings. appropriate close to the Beavers'

when approached at the turn, history. The trend should

sized up the state of affairs: continue next year with

"The course is playing long returning aces Charles Curatalo,



Books? Books!

Square Dance

especially seniors.

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The Third Annual Millikam

Library Book Sale will be held

The CCF is sponsoring a free

square dance on Saturday, May 27, from 7:30 to 10:30 pm.

There will be a caller and some

munchies. Everyone is invited,

The Caltech Hillel invites you

to attend a UJWF fund-raising

supper at 5 pm in Winnett Lounge

on May 21. No charge for supper.

Donations will be solicited. For

information call Dorene at

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Dialogue II

"Who do you say I am?" Jesus asked his followers nearly two thousand years ago. Their response has significantly affected the lives of men and women ever since. If you have ever wondered about ehe same question or have had other questions regarding the life and teachings of Jesus of Nazareth, you are cordially invited to an nformal discussion on Tuesday, May 23, at 9:30 pm in the Winnett Lounge. For further information call Young-Il Choo at 796-6881.

Dialogue III ?

"Mother, remember what you told me about the shortest way to a man's heart?"

"Yes, dear."

'Well, last night I found a new route." Egad!

Piecea Party?

The Deans (Ray Owen and David Wales) are hosting a pizza party on Saturday, May 27th at 3 pm in Tournament Park.

Power To The Satellites!

On Thursday, May 25 the Caltech Y will present Dr. Richard Dickinson to speak on the topic "Satellite Power Systems." This presentation will be about microwave transmissions between solar microwave satellites, and earthbound systems. The program will start at 8:00 pm in Winnett Lounge.

Well Done! News

The next event in the Musica Rara series is set for Friday, May 26 at 8 pm in Dabney Hall Lounge (studetns \$2.50). Music by Saint-Saens, Schubert, Brahms, Dukas, all performed by Arman Guzelimian, piano; Kathleen Lenski, violin; Kenneth Munday, bassoon; Victor Vener, horn. Techers can get rush tickets for \$1.00.

Cheap Seats!

Rush tickets at \$1 each are available now to Techers (bring ID) at the Caltech ticket office, 332 S. Michigan Ave., 10 am-4:30 pm Monday through Friday and Saturday 10 am-1 pm (May 20) for the following two events you have been waiting for all season...both in Ramo at 8 pm:

Saturday, May 20: Richard Grayson, brilliant keyboard artist playing improviations, and his own compositions, some electronically;

Tuesday, May 23: Bear Republic Theater's-"Signals"-comedy, pathos, satire, drama about growing up male in America's ERA world; a very contemporary play.

Rush Tickets may also be obtained on night of event at auditorium box office.

Group Theory Made Easy

The Math Club will be meeting at 7:30 pm in Tuesday, May 23 in 153 Sloan. There will be a talk by Dr. Daniel Gorenstein, entitled "A Strange Simple Group with 175,560 Elements," followed by an election for a new president. All interested persons are encouraged to attend

[Enormous Restraint]

Liew C. Chiu has been selected as this year's winner of the Haren Lee Fisher Memorial Award in Junior Physics. And vou don't know how hard it was to say just that.

You've Got Sand WHERE?

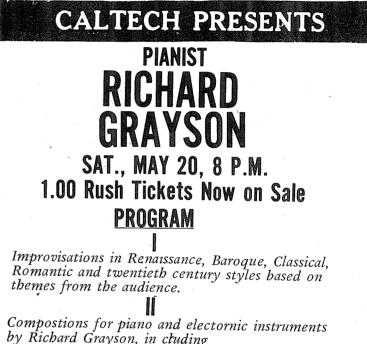
The ASCIT Beach Flick will be from 4 pm to midnight, this Saturday (the 20th). It will be at Huntington Beach Pier 3 There will be rays, water, free food and who knows what else. Y'all come.

Porter is Beckman Intern

Freshman physics major John L. Porter, Jr., has been named the 1978 recipient of the Institute's Beckman Internship for summer assignment in the office of Congressman Jim Guy Tucker of Arkansas' 2nd district.

The Beckman internship was established by friends of Dr. Arnold O. Beckman, Chairman Emeritus of the Board of Trustees, to give students opportunities to "experience the process of government from the inside." The internship will support Porter's 12-week assignment in Tucker's office in Little Rock. He will be involved with casework related to Tucker's 500,000 constituents. Porter is a resident of Little Rock, Arkansas.

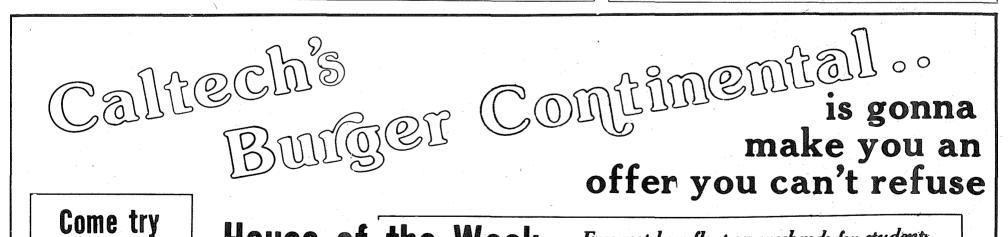
Porter will submit a report on his internship activities when he returns in the fall.



by Richard Grayson, in cluding Rain Amplian V

Meadow Music

Tickets available at the Caltech Ticket Office (332-92) and all MUTUAL AND TICKETRON AGENCIES. For BankAmericard and Master Charge phone orders call 793-7043 (campus ext. 1652).



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Page Four

Domey's PFDA Early Sawdust, Cafeteria Style

By The Gallivanting Gourmand Once upon a time there was a combination sandwich frozen yogurt and plant shop called The Hanging Gardens. This is not what is now the Hanging Gardens, but another place entirely, although in the same location, which is another story entirely.

Anyway, along came somebody with lots of money, who said "Hey, you've got a nice little place here. How would you like to move it down the street and get rich?" And so The Hanging Gardens moved down the street and was mutated into Doney's P.F.D.A. (Pure Food and Drink Act).

PFDA has a lot of nice things going for it, but it also has a lot of problems. Let us mention the nice things first.

PFDA has breakfasts that include a variety of omelettes and 'Belgium' waffles, as well as just eggs. They have the class to have canadian bacon rather than the junky regular type, as well as ham and sausage. For a couple of dollars you can get yourself a really nice breakfast until 11:00 am. For somewhat more, you can get one of their fancier omelettes, like their PFDA special, with avocado, mushrooms, tomatoes, bacon and sour cream They have fresh fruit juices, and various yogurt and berry toppings for the waffles. Overall, very reasonable.

There is a sunday brunch menu for those who like spending money upon first awakening. This menu includes Lobster and Eggs (\$3.95), Eggs Benedict (\$3.45), and a New York Steak and Eggs (\$3.85) brunch This extra set of foodstuffs is served from 10 am to 2 pm on Sundays.

The regular lunch menu could be better arranged, but is designed to handle crowds with a minimum of effort on the part of the management. Lunch consists of a Salad Bar, a Sandwich Bar, a Soup Bar, or Chili. The salad making materials are nice in their variety, but I was underwhelmed about the nutritional content. Unless you enjoy garbanzo beans, the salads had almost no protein outside of the thousand island dressing. They did have some nice stuff, from croutons to mushrooms, and it is possible to build yourself a very good salad.

Unfortunately, the price of the salads is steep, starting at \$1.25 for a rather small plate, \$1.75 for a large one. The soups don't offer much variety on any given day, but looked acceptable. For \$1.95 you can get the large, all-you-can-eat soup lunch consisting of soup with bread and butter. A small soup is 95 cents, again, somewhat high in price.

I didn't try the chili, and didn't see anyone else buying it while I was there.

The sandwich bar is overpriced \$2.25 for a basic sandwich made by stuffing Pita bread is not that bad, but the ingredients I saw didn't really look that good for stuffing it. \$3.45 for the larger sandwich is getting a little steep for such things, but if you're hungry, you can make a full meal that way. However, I recommend other ways. The sandwich bar looked like a very basic set of submarine sandwich makings with a few esoterica thrown in. Offhand I'd rather go somewhere else for sandwiches.

Now we come to the dinner entrees. These are somewhat interesting, ranging from \$3.25 to

\$3.95, with prime rib, leg of lamb baked chicken, ribs, a vegetarian special, and a daily special (veal on the day I was there). The prices are good but something is lacking. On the lamb advertised on the menu as with mint jam, there were several problems. First of all, the meal consisted of lamb, rice, corn and salad. Rice and corn? Oh well. With the dinners you get a small salad from the salad bar, and I tried my best to find something I liked. It was fairly good, but I've had better salads in places not claiming them as a specialty. And instead of the advertised mint jam, there was cheap commercial apple jelly with faint mint flavoring. I honestly could not even smell mint in the jam and mint was last on the list of ingredients, far below green food coloring. Sigh. Anyway, the lamb was cooked nicely, although completely unseasoned as far as I could tell. They do provide a nice assortment of seasonings for the food ranging from sauces to freshly ground pepper, so l guess they want you to do all the work yourself.

The drinks and desserts are a nice assortment. They have six different beers, a house wine, several different fruit juices and a few ordinary soft drinks and tea, coffee, milk types. For dessert they mainly have things done with Frogurt (a brand of frozen yogurt). They had three flavors that day, plain, peach and chocolate. It is possible to have this in cones or as sundaes, in shakes, or in dozens of combinations. If you are not sure you will like the stuff, try a small cone (25 cents). It is indeed a small cone, the cup measuring a whopping 45mm in height, but it is a decent size for sampling. Be warned: frozen yogurt is more expensive than ice cream, and unless you like the stuff, it is overpriced Figure on spending about 50 cents more than you would on an equivalent Baskin Robbins dessert.

The only really disgusting thing about PFDA was the decor: Early Sawdust. While this is considered cute and trendy, it is a damnable nuisance. If you have hay fever, slippery shoes, or a dislike for the taste of wood in your food scratch PFDA off your list.

The help isn't much help If you don't know anything about the place, you'll need a guide, since the staff is just trying to rush vou through the organic-cafeteria-style line. To say that I was displeased with the service is an understatement. To say that the service nearly ruined my appetite is not too strong

Overall, Doney's Pure Food and Drink Act, at 246 S. Lake, is an acceptable place if you want to spend from \$2 to \$5 for a weekend meal, or if you like Frogurt. They get three forks for food quality, four hop toads for service, and a cow with a clock in its belly (it moos at each quarter hour) for the decor. Definitely not a place for Ronald MacDonald fandom. Try this one if you get a chance, but don't do it if you're in a waiter-stomping mood.

Pasadena's World of Books

By Martin Goldberg

In the past, The Tech has carried many restaurant reviews, and come movie reviews. Personally, I prefer to eat at home, and spend my money on books. This is a bookstore review. Since I don't own a car, the review is limited to those stores within walking distance of the Caltech campus. Also, I will not review in this article special interest stores, such as Christian Supply Center of Pasadena, Christian Corner, and Little Bit of Heaven.

Don's sells new paperbacks and magazines at cover price. Their high-priced raunch is not cellophaned.

Book Village has a cramped store; aisles packed with books note: this reviewer went in during their remodeling, and so this crowdedness was not entirely typical], mostly old hardbacks. They discount new hardbacks 20%, paperbacks 10%, and used paperbacks go for about 1/2 cover price, as (presumably) do used hardbacks. They also sell new and used comics, and some wargaming supplies. They are probably your best bet if you want a specific old SF give paperback. Also, they discounts (up to 20%) on special-ordered hardbacks.

Pasadena Book Company sells supplies and PCC textbooks. Also, they have some used paperbacks. Unless you want used PCC textbooks, don't waste your time going here. T. F. Bandersnatch sells used hardbacks for very good prices (about 2/3 of Book Village's) and used paperbacks for half of cover price. This is your best bet, I think, unless you turn up your nose at buying a book someone else once owned. The owners are friendly, and they have a place upstairs to sit and read and look at the prints on the wall. Page One is a feminist and children's bookstore. It has some interesting and unusual books plus shirts and buttons. This one is probably not for the average (male) Techer, but most of the books here aren't available elsewhere.

Titles is the most beautiful bookstore in this review. Their sales staff "gets paid more than Vroman's," and they are very helpful and industrious. They give a 10% discount on all books with a student I.D. They have no used books. Open later thar anyone else, they encourage browsing, and you can sit there and drink their free coffee (courtesy of The Coffee Bean) and listen to the show: they have some sort of musical presentation about four evenings a week. This is probably your best bet for new books, or foreign magazines.

Hunter Books sells new books only. Its only merit is that it's closer to Tech than Titles or Vroman's. However, since they're a chain, you can have them bring books from the warehouse, and look them over before you decide to buy them This is in some respects better than special-ordering them, although the chain has only a limited number of warehoused books.

Bungalow News sells new

Titles is the most beautiful paperbacks, including a largokstore in this review. Their es staff "gets paid more than oman's," and they are very lpful and industrious. They is your best bet for periodicals.

Shamrock is not worth going to unless you like 30 year-old hardback novels, and have time to go during their Pasadecent hours.

Vroman's has only one good point: it's huge. However, the salesmen there are incompetent, if you can find any, and the books are almost all on a shelf different from the one that the signs say they should be on. Go there only as a last resort for new books.

Pasadena Book Mart has used books for about 2/3 cover price, as well as some old, worn-out paperbacks at 10/\$1.00. Also, they have some new books, including a large number of martial-arts handbooks. Magazines are sold there, also. Stop by next time you go to Bungalow News; it's worth a few minutes.

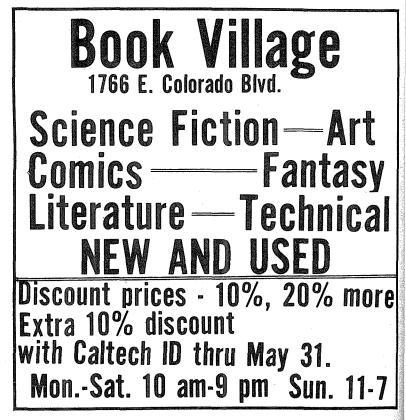
Ancient Papers Unearthed

SHAVOIS, FRANCE – Remarkable researches by certain "associate members" of the *Tech* staff recently unearthed a set of ancient scrolls containing the text of speeches given at the first recorded awards banquet. This report is of interest to historians and etymologists alike, due to the fact that it explains the origins of two of the more confusing titles of nobility.

In the eastern area of what had been Roman Gaul and would soon be France lived two groups of people in a peaceful, but strategic, valley. One group was led by a man known as La Rouge; he and his people lived in Holy Wood, the forest of the bears (which is why no one ever attacked the valley; the last bears in Europe were very mean). In the small town in the valley lived Vichyssoise, and a people who were reputed to be mathematical wizards (they could count to five, you see).

The tales told at the banquet began with the end of the barbarian clans that lived to the east. The Mongol horde had arisen again, under the banner of the third Great Khan, who was personally leading the invasion that looked like it was going to make Europe eat rice, rather than noodles. With the fall of the last barbarian clan, all that remained between the Khan and an unprepared France was the little valley. Battle was inevitable, and the small group of a thousand men could not hope to stand long against the Mongol millions.

Vichyssoise and La Rouge, however, had a plan to outflank the Khan. The great problem **Continued on Page Six**



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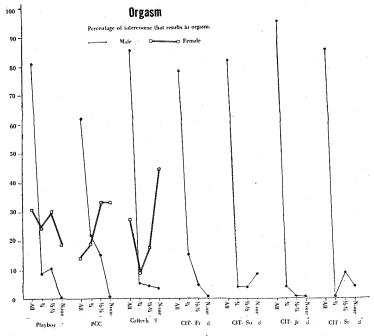
Sex

ontinued from Page One

upported strongly by data from Linsey, Shere Hite, and the 'layboy Foundation. Repeating his fact, straight heterosexual ntercourse normally does not rovide sufficient clitoral timulation for the female to chieve orgasm. In this respect, he question asked in my poll ras biased in that it asked for he proportion of orgasms during exual intercourse. A less biased uestion would have asked for rgasmic frequency during sexual ncounters or even just during eneral lovemaking. To araphrase Woody Allen in Annie lall, maybe the orgasm as a exual experience is veremphasized. Another facet to he dichotomy of responses from emales and males is simply the lea that maybe some males do ot properly concern themselves vith the achievement of sexual atisfaction by tieir partners. One light coin the word "egosexual" o refer to someone who is much 10re preoccupied with their own exual satisfaction and not much oncerned with the sexual itisfaction of their partners. lence, the general idea of the "Wham-Bam, thank you, hrase, "Wham-Bam, thank you, la'am." Looking at the data om this viewpoint, it tends to idicate that males have a larger indency to be egosexual than males. But this is not at all lear due to the bias of the uestion, which I mentioned bove. In all likelihood the xtreme dichotomy of the male. nd female responses is due in art to biological differences long with the biased wording f the question), and also in part ue to this so-called egosexual ttitude among some males.

women polled did *not* experience orgasm during sexual intercourse over half of the time. This is in contrast to the Playboy results showing *less* than 50% of the females polled responding in the last two categories.

Caltech women also showed a degree of sexual satisfaction (as defined here as proportion of sexual intercourse experiences resulting in orgasm) much lower than the Playboy findings. The percentage of Caltech women responding "All" is rather similar to the number of Playboy women responding the same. However, about 45% of the Caltech women responding said they achieved orgasm during sexual intercourse never or almost never. This is in contrast to less than 20% found by Playboy. If the dichotomy between male and female responses is largely biological in origin, then why is there such a disparity between Caltech female and Playboy female responses? Clearly some other factors are involved here. The reasons are pure conjecture, but the end result is clear from the data. Caltech females, in general, show a lower proportion of sexual intercourse experiences resulting in orgasm than that found for women by Playboy. Using my earlier terminology, one could say that Caltech females are statistically less sexually satisfied than females nationwide. (Note: care should be taken in quoting this last sentence out of context.) The difference may not be that great, but it clearly does exist. Does this indicate that Caltech males are more egosexual than other males? Or does it just indicate that Caltech females are in some way less able to achieve orgasm during sexual intercourse than other females for some

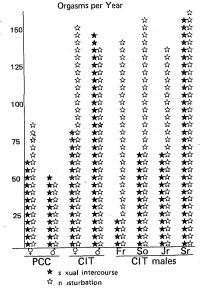


Looking more closely at the there are some other ata, iteresting facts to note. PCC nales showed the lowest "All" esponse of all of the male ubpopulations. Still, the overall attern for the male ibpopulations are remarkably milar. The great majority of ales achieve orgasm during exual intercourse almost all the me. The female data shows ome more diverse responses. CC females showed less than 5% responding "All", indicating lower than average (average eing Playboy) degree of sexual itisfaction. In fact, one-third of ne PCC women polled achieved rgasm during interocurse eteeen one-half and one-fourth f the time, and still another ne-third of these PCC women most never achieved orgasm uring sexual intercourse. Thus, early two-thirds of the PCC

other reason? As I said above, the reasons are just conjecture, and so I will tarry no longer on such speculation.

The second graph which I would like to discuss this week

sexual intercourse on the average more often than they masturbate. This is in contrast to six other the male subpopulations which show a greater frequency of masturbation than sexual intercourse within the past year. This is probably largely related to the graph presented in my second article, which showed that women, in general, masturbated less than men.



A few other interesting things to note are the simple facts that Caltech males and females show a much higher frequency of both masturbation and sexual intercourse than either PCC males or females. The reasons for this are not clear, but it may be due to the small number of PCC students polled.

The sexual intercourse frequency within the past year among Caltech males shows a definite increase from the Freshman to the Senior years.

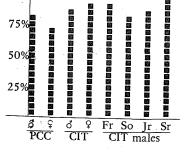
The third graph which I would like to discuss deals with the Equal Rights Amendment. This graph is shown on page (5). The question asked was, "Would you vote in favor or against the Equal Rights Amendment?" The graph shows the percentage of people responding in favor of the ERA.

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The most striking feature of this graph is the simple fact that

deals with non-therapeutic abortions. This graph is shown on page (5). The question asked was, "Should non-therapeutic abortions be allowed or outlawed?" The graph shows the percentage of people circling allowed as their response.

100% LEGAL ABOPTIONS?



As in the last graph, the most striking feature of this graph is the overwhelming support for non-therapeutic abortions. PCC females showed the lowest degree of support, but still 72.0% of the PCC females polled felt that non-therapeutic abortions should be allowed.

In my next article I will be featuring such items as direct sexual moralities, and the importance of the size of sexual organs for sexual satisfaction.

Constructive mature criticism and/or comments are welcomed on these articles and the poll itself.

-Larry J. Mortin

Dickinson on Energy Transmission

On Thursday, May 25 at 8 pm in Winnett Lounge, we will have an opportunity to learn about one of the alternatives to current energy sources-directing solar energy to Earth via microwave transmitters on space platforms. The Caltech Y is hosting Mr. Richard A. Dickinson, Supervisor of the Transmitter Group at JPL, and an expert in the field of satellite power systems, who will speak on "Orbiting Solar Energy to Earth via Microwaves." The idea of importing solar power to Earth by way of microwave transmitters on orbiting space stations is seriously being considered by the U.S. Dept. of Energy and NASA, as well as certain foreign governments. Mr. Dickinson will discuss JPL's investigation of this idea, and its merits and problems.

Every alternative energy source beings with it a different set of social and political pitfalls, and these will be discussed. You are encouraged to bring your questions, reservations and arguments to what promises to be an informative and lively talk.

SSA- Othello and More

By Etaoin Schroedlu

The latest effort in the Shakespeare Society of America's attempt to perform all 38 of the Bard's plays is the great tragedy, *Othello*, which will run through June 3 at the Society's Globe Playhouse at 1107 N. Kings Rd. in West Hollywood. I rate this *Othello* as one of the SSA's best performances to date.

The biggest part in this play is, of course, not the Moor himself, but his treacherous ensign, Iago, one of the three or four longest parts in Shakespeare and often presented as an arch-villain. The Globe's production is blessed in having a very fine Iago, J. D. Hall, who is also the director. (Todd Davis is an alternate.) Hall postulated that Iago was also a Moor, which might help to explain why Othello was so easily tricked—an interesting concept.

The wine she drinks

Several parts are double-cast in this performance, though the title role is not: Willie A. Thurman portrayed an Othello who allowed himself to get out of touch with his duties, and so in part deserved what came to him in Act V. One of the two actresses playing Desdemona is Shannon Eubanks, who has given strong performances in past Globe productions of Much Ado About Nothing, As You Like It, and more recently Two Gentlemen of Verona. I saw the other Desdemona, Juanin Clay, who was very good indeed, as was the Emilia (Iago's wife) of the night, who was identified only as Yahee. Of the lesser parts, Jon Mezz's gullible Roderigo was amusingly memorable. It is rare in shall theater to have such uniformly high quality in all of the major parts. The programs, which were late from the printer, arrived while the play was in progress, and were without biographical information on the cast, which was a pity, since it is interesting to have that background. The management also had on sale posters of the

performance, for benefit of a new rug for the theater lobby.

... Not wisely but too well."

As usual, the Globe schedule of plays has been changed. *Coriolanus*, which was scheduled to be on about now, has been postponed until October 4 through 28 (Thad Taylor, founding fanatic of the SSA, said that was because of "the availability of the director"). The present schedule is:

Antony and Cleopatra, directed by Mr. Taylor, June 7 through July 2 (and, if I understand correctly, featuring Eugenia Wright as Cleopatra; Miss Wright won a nomination for most distinguished performance in a feature role from the L.A. Drama Critics Circle for her Juliet at the Globe last year).

Pericles, a seldom-performed romance, will run from July 5 through July 22.

Hamlet, which already ran at the beginning of the cycle some three years ago, will reappear, July 26 through Aug. 13.

The second and third parts of *King Henry VI* will run in repertory between Aug. 16 and Sep 2, and be followed by *King Henry VIII* from Sept. 6 through Sept. 30, and *Coriolanus*.

Timon of Athens will run from Nov. 1 through Nov. 19, and the year will end Nov. 29 through Dec. 16 with a performance of the "lost" play, The Two Noble Kinsmen. (If your copy of Shakespeare does not include the latter, it is because the authorship is debated; most modern critics, however, seem to feel that Shakespeare did indeed write a substantial part of the play, and Mr. Taylor has added it to the lists. This, by the way, explains why the 37 plays I've mentioned in the past has now become 38.) Performances at the Globe are at 8 pm Wednesdays through Sundays; ticket prices are \$5.00 general admission, \$3.50 for

students with I.D. Group rates are

available; call 650-0208.

deals with frequencies of sexual intercourse and masturbation. This graph is shown on page (5). The questions asked were, "Approximately how often have you masturbated in the past year?" and "Approximately how often have you had sexual intercourse in the past year?" The answers shown are the averages of the responders, *excluding* the null or zero responses.

The first point of interest in glancing at this graph is to notice that the only two groups which show a higher intercourse than masturbation frequency are the two female subpopulations. Both Caltech and PCC females have all of the subpopulations polled showed an overwhelming support for the Equal Rights Amendment. Considering the difficulties that are occurring in getting the ERA approved by enough states for ratification, this across the board landslide support for the ERA should be noted especially by politicians. Caltech Junior males showed the least support, yet still 74.3% of the people polled in this group supported the ERA. One other interesting aspect is that males and females supported the ERA with almost exactly the same enthusiasm.

The fourth graph which I would like to discuss this week

Cinematech

Continued from Page Two

Cinematech is shown on Saturday nights in Baxter Lecture Hall at 7:30 pm. Donations are \$1.50 for the general public, \$1.00 for ASCIT and GSC members, and 75 cents for children under 14 Please take note that films are not always suitable for children.

This week ASCIT brings you another film festival winner with The Last Detail, a film that won best actor at the Cannes Film Festival. The Last Detail is an excellent character study. The no-holds barred approach of Nicholson (who won best actor) in treating a young sailor to a last fling before entering the brig is simply a pleasure to watch. Keep this Friday evening open for a really good time.

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-Michael Kurilla

La Rouge

Continued from Page Four

Medieval with flanking maneuvers, however, was the inability to time the assault. Vichyssoise brought out his new invention, the timepiece, consisting of all the children in the village, who had been trained to recite their mathematical knowledge one after another, and when all had finished, La Rouge was to attack.

Many details of the battle, were, of course, sung throughout the night. Suffice it to say that at the right moment, La Rouge and his band drove the bears out of the woods and into the Mongol horde. Vichyssoise

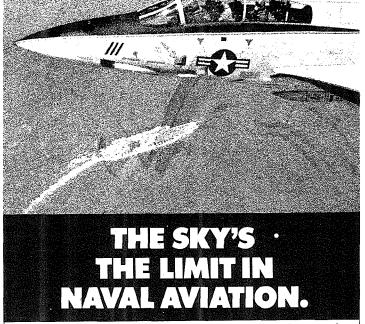
surrounded the confused Chinese. and after a long day, the Khan fell. The bears unfortunately died about an hour after eating the Chinese, from extreme hunger.

Vichyssoise and La Rouge were suitably honored; and the titles they were given remained in nobility up until the present day, undergoing minor alterations in spelling, and being moved from the end of the name to the beginning. La Rouge, of course, became La Rouge Bear-run; the other, who planened the secret attack from Holy Wood, became Vichyssoise, Count Encloser of the Third Khan.

> Without Apologies, The Midnight Punster

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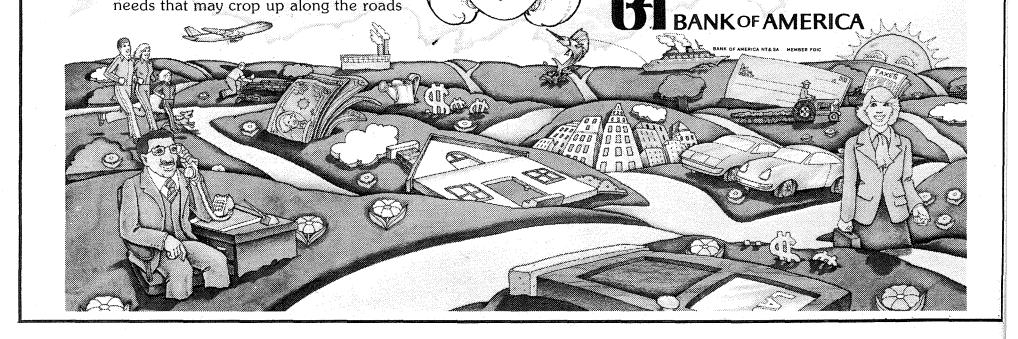
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Casablanca Becond and Filmiliona

[•] Page Seven





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Grayson

Continued from Page Two Brandeis, Berkeley and other universities in the area. Mr. Grayson is a member of the Occidental College music faculty.

Tickets for the May 20th concert at Caltech may be obtained from the Caltech Ticket Office. For more information, call 793-7043

Full Egad!

A drunk walked up to the bar and asked for two beers. The barkeep watched him closely as he walked into the men's washroom and ordered two more beers. Agin the barkeep watched as the drunk went into the washroom. After this occured three times, the barkeep could

no longer control his curiosity, and so he asked the drunk why he was taking his beer into the washroom. The drunk said that he was pouring it down the toilet. This puzzled the barkeep, and so he asked why on earth was he doing this? The drunk replied firmly, "I'm just damned tired of being a middle man."

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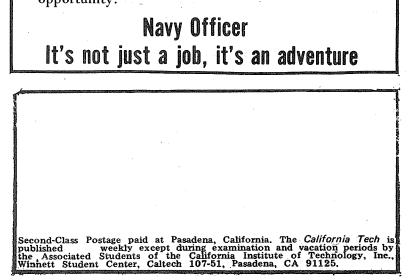
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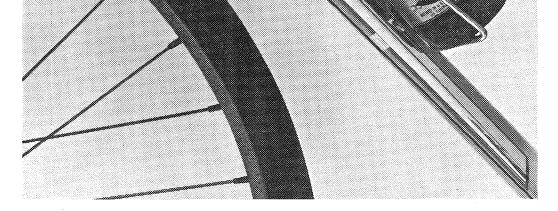
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