

southern technical institute  
**SOUTHERN SEEDS**

October 15  
1975

Editor: Nick Gordeuk

Typist: Vicki Aldred



Energy Contest

Governor George Busbee has declared October "Energy Conservation Month" in Georgia and has designated the State Energy Office as the lead agency in this effort.

As part of the month's activities the Georgia Press Association will sponsor and judge a contest for the best editorial and the best editorial cartoon on energy conservation published during October.

The contest was originally intended to include only schools in the University System of Georgia, but due to widespread interest in Energy Conservation Month it has been expanded to include private institutions as well.

Contest rules are listed below and entry forms are available at the paper office. The awards will be presented at the annual Georgia Press Association awards ceremony, February 20, in Athens. The State Energy Office retains the right to republish winning material.

If you have any questions, feel free to call Ms. Diane Cousineau (404) 656-5176.

Contest Rules

- AWARDS:** One for best single story or series  
One for best editorial cartoon
- RULES:** Must be published during October "Energy Conservation Month"  
One entry per writer (a series counts as a single entry) in each category  
Limit of three entries per school in each category  
Must submit tear sheet as proof of publication  
Each entry must be accompanied by the following information:  
Name of writer or artist  
College or University  
Newspaper  
If entry is a series please label it as such

**JUDGING:** Will be done by the Georgia Press Association

**AWARDS PRESENTATION:**  
Annual Georgia Press Association Awards Ceremony, February 20, Athens, Georgia  
Mail all entries to:

Editorial Contest  
State Energy Office  
Room 145  
7 Hunter Street, S. W.  
Atlanta, Ga. 30334



## FRANKS' FOOD FACTS



Welcome to Fall Qtr. 1975!  
I hope we can look forward to the good working relationship in the coming year that we shared and enjoyed last year.

Just a few bits of information-- for those who are new as well as those who don't pay attention---

Our snack bar operates from 8 am. to 4 pm., Monday thru Friday. We hope to have it open evenings from 4 to 7 by Wed., Oct. 1, for the convenience of the night school students.

Our dining hall serves cafeteria-style Monday thru Friday:  
Breakfast 6:30 -9:00; lunch 11-1:30; dinner 4:30 - 6:00. We close promptly at 6 pm because so many students have left campus by then.

The dining hall offers a meal plan which is geared toward dormitory residents, but anyone on the STI campus may purchase the plan. We offer 3 meals for \$3.75 per day.

The cafeteria also accepts cash!  
We present three meats and four vegetables at each noon meal. Entrees average 75¢, vegetables and salads 30¢. Come down and give us a try. (A word of advice to meal plan or cash customers: We have a fairly long line every day from 11:50 til 12:20. If you can, try to avoid that time slot.)

Finally, I'm going to go back to a

theme I began last spring--WASTE.

Don't waste food, paper, plastic, or energy. It will cost us dearly if we all are not careful. The long term cost is the loss of precious resources (including food). The short term cost, which we will endure on the way, is inflation--paying more for the same or less in goods and services. Your constant awareness and help will be appreciated.

As always, if you have any suggestions, problems, or questions about foodservice at STI, see me. I'll be glad to talk to you.

F. Jahelka

## SGA

During the summer quarter, the SGA appropriated \$2,500 to be used for organizing and equipping a garage area to be used by STI students for maintenance on their automobiles. The garage area that will be used is located in the old physical plant space of the Textile Bld. There will be space for five automobiles.

Basic hand tools, power tools, jacks, etc. will be provided by the SGA. Supervision will be by work-study students and it is anticipated that the garage will be open two afternoons during the school week and Saturday and Sunday afternoons.

Most of the tools have been ordered and delivery is expected within the next three weeks. As soon as the tools arrive and the ground rules are established the garage will be open for use, this should be about the middle of October.

PLEASE. . . . .

If you are interested in serving as a member of the Judiciary Board, give your name to the SGA for consideration.



## OPINION

The S.G.A. has a good idea: Students will be able to recognize their representatives by the S.G.A. jacket they wear. This offers immediate recognition and provides no difficulty for the new student to seek out a representative.

But does it take a jacket to indicate they belong to the S.G.A.? It does appear as though that is the only way students have been able to know who belongs to the S.G.A. Why don't we know them by what they are actively doing for us? Why don't we see articles in the paper by them, or the representatives seeking out the consensus of his constituents? Then we would definitely know who he is.

As much as we know of what our S.G.A. is doing, they definitely need the jacket. Thus we could truly say the three hundred dollars spent on jackets that comes out of our student activities fee is well spent.

## LETTERS TO THE EDITOR

Throne #1  
Library

Dear Editor -

It seems that about this time last year I wrote you a letter pertaining to this same subject of which I am about to write.

If you will remember, the subject of my letter was the news print rolled onto little cardboard tubes and placed in the restrooms for the use of its patrons. To this day I don't understand the reason for placing news print in the toilets. I surmise it was placed there for writing little notes to your next door neighbor or making paper airplanes. This would be an excellent idea except that I would rather see the money spent on toilet tissue not toilet paper. I mean really, when one must blot instead of wipe in order to leave the skin, this is a little ridiculous. Now don't get me wrong, I'm not asking for some frilly, squeezably - softy print, but I would like to be able to carry a Hanky for more than a single day.

I would appreciate any consideration from you or those involved in the purchasing of the toiletries for this campus.

Thank You  
Stinkey Hankey  
(Soras-)

### \$33,500,000 Unclaimed Scholarships

Over \$33,500,000 unclaimed scholarships, grants, aids, and fellowships ranging from \$50 to \$10,000. Current list of these sources researched and compiled as of Sept. 15, 1975.

#### UNCLAIMED SCHOLARSHIPS

11275 Massachusetts Ave., Los Angeles, CA 90025

I am enclosing \$9.95 plus \$1.00 for postage and handling.

#### PLEASE RUSH YOUR CURRENT LIST OF UNCLAIMED SCHOLARSHIPS SOURCES TO:

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

(California residents please add 6% sales tax.)

### RESEARCH PAPERS

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Send for your up-to-date, 160-page, mail order catalog of 5,500 topics. Enclose \$1.00 to cover postage and handling.

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LOS ANGELES, CALIF. 90025

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_



# ROYAL ENTERTAINMENT



CONCERTS: Frank Zappa and The Mothers of  
Invention Municipal Auditorium  
Oct 18th at 7:30 p.m. also  
Midnight show!

Tonight!! Oct 15th  
Atlanta Symphony open rehearsal-  
Symphony Hall, Memorial Art  
Center 7:15 - 11:00 FREE!!  
892-3600

THEATER: "The History Of Rock and Roll"  
by Tom Cullen Kelly's Seed and  
Feed Theater, 166 Garnett St.  
Oct. 17 - Nov. 16 each Fri.,  
Sat., and Sun. at 8:00 p.m.  
Admission \$1.00

ART: Georgia Tech - Student Center  
Gallery, Retrospect of paintings,  
collages and drawings by Fay  
Gold, Thru Oct. 23,  
894-2850

Bicentennial Art Contest and  
Display Oct 20 - 25, Cobb Center  
Mall, Smyrna Linda Lance 436-9683

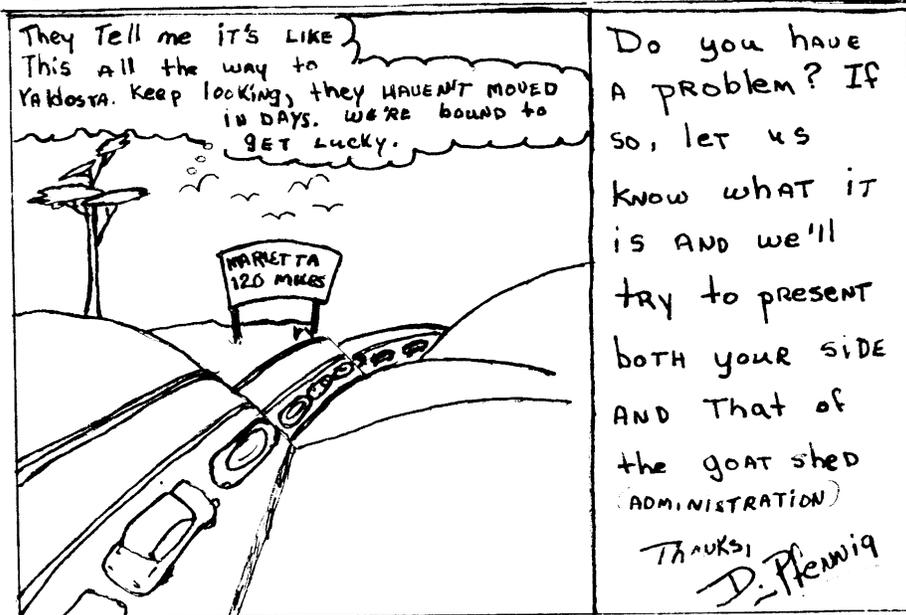
SPORTS: Sports Car Rally - 95mi. TSD  
Rally sponsored by Ga. Sports  
Car Club Cumberland Mall  
Oct. 19, registration 11:30 a.m.  
\$5.00 entry fee 255-3810

LECTURES: Nov. 20  
"The Constitution in a Tech-  
nological Age"  
STI - Cobb County Bicentennial  
Event Guest: Congressman  
Larry McDonald, 7th Congressional  
District Ga.  
8:00 p.m. STI Gym

"How To Be Successful in Your  
Own Business" Presentation each  
Thur. thru Dec. 11, 8:00 p.m.  
FREE at the Sheraton Hotel  
Northlake Pkwy. at La Vista Rd.  
Public Service by Buck Bailie  
B.S.I.M.

## SIDE 2: THE STUDENT'S VIEW

Bill Royal



THE FLIP SIDE:

by D. Pfennig

LIONS CLUB

Lions International is today the world's largest service club organization and the first to have more than one million members, serving in more than 26,400 clubs.

Unique among these more than 26,400 clubs is the SOUTHERN TECH LIONS CLUB. Ours was the first Lions Club chartered on a college campus and the first to have a membership consisting primarily of students. While there are faculty members of the club, the major offices are held by students.

HOW DO YOU BECOME A LION?

Visitors at club meetings are welcome. Membership is by invitation after a visitor has attended three club meetings and indicated his desire to become a member of the club. Initiation fee is \$10.00 and monthly dues are \$4.00, including the cost of two meals per month.

WHO ARE LIONS?

Southern Tech Lions are campus leaders. The immediate past president of the Student Government Association and the current president are Lions. The intramural commissioner is a Lion. Of the various academic and activities awards presented at the 1975 Awards Day, several were won by Lions. Lions have initiated a number of school projects, enlisting the aid of other campus groups. Southern Tech's Dean of Students Affairs says of Lions, "... they have been able to promote the image of Southern Tech as no other group has found possible."

Lions Club meetings are held on the second and fourth Thursday in the cafeteria at 7:30. Why not come and be a member of this great organization ?? See you there!!!

# SIGMA PI

Sigma Pi had their rush party last Wed. night with an approximate 175 guests attending. Music was provided by the Pearce Arrow Band. Special thanks go to the girls from GBHand Massey.

Sigma Pi football team #1 will be playing Tues. Oct. 7 and Thurs. Oct. 9. Team #2 will be playing Wed. Oct. 8. Anyone interested in playing please contact Jim Bailey @ #427-8833 before the second game.

Sigma Pi holds their regular meetings every Thursday @ 12:00 room 601 in the Textile Building. Everyone welcome.

oo



The Pep Band meets in the gym on Mondays at three pm every week.

oo

Note:

Get your Lions Raffle Ticket for the 50 - 50 draw. Today from a Lion on campus.



# STI LIONS

# 50-50 DRAW



DONATION: \$ .50      PROFITS GO TO GEORGIA LIGHTHOUSE FOR THE BLIND  
DRAWING TO BE HELD GOAT DAY, 1975  
PRIZE: RICH'S GIFT CERTIFICATE WORTH 50% of DONATIONS REC'D

# ASCE.

The tapestry of civil engineering is almost endless. Curiously enough, knowledge of the historical progress of science, technology, and engineering is negligible when compared with that of most other disciplines. Only since World War II--and especially in the sixties--has this gap in information been noticed. As a result many colleges and universities offer courses in the history of science and technology for technical and non-technical students alike.

The importance of civil engineering in the development of American Technology cannot be over-emphasized. To often the story of civil engineering--like the countless stories of other technical areas--has been pushed aside in favor of politics. Yet each of us every day have been the beneficiaries of civil engineering--indeed, man's civilizing has been measured (for centuries) in terms of his abilities in civil engineering. The table of contents of almost any book on civil engineering lists roads, bridges, canals, water supply, sewerage, construction materials et al.

Civil engineering is the parent from which all branches of engineering come. Though engineering has been around since say 3400 B.C. (1st Dynasty, Menes Egypt) it--as most of our professions--institutionalized itself in the 19th century along with doctors, economists, professors and others.

The first man on record to call himself a civil engineer was the Englishman, John Smeaton, in the 18th century. Smeaton sought to distinguish his civilian construction work from that of the military engineer.

Two dates can be given for the founding of the ASCE--1852 and 1867--the 1st was a local group (New York) which did not survive 1855; the second is probably the best date for the establishment of a permanent national society of American Civil Engineers. The first engineering colleges--Bowdoin, Rensselaer and West Point--turned out engineers who could best be described as "civil" types. The founding of land grant universities in the 1860's further professionalized the training of engineers--most of whom carried the designation "civil" on their diplomas.

The great technical breakthrough of the 19th and 20th centuries could not have succeeded without the civil engineer. Five of the ten topics treated in the History of American Technology (Hist. 325) are directly related to and dependent on civil engineering--these include architecture, automobiles, airplanes, ships, and railroads. In the railroad, the work of the civil engineer is perhaps most clearly visible--he is the builder of roadways, tunnels, bridges, roundhouses and rail terminals. In assuring the success of the railroad, the civil engineer played a significant role in the development of America.

## fourth floor

### FORUM

"No, man, you hafta be louder than that!" Chip was frustrated with his new roommate, Earnie. Learning to seduce girls was going to be harder than they had anticipated. This was lesson three.

"Alright, once more," Earnie moaned. "Hey, doll, are there any more at home like you?!", he cried in a ridiculously masculine voice.

"How many times do I hafta tell ya, Earn - don't fake the tone of your voice! It isn't natural. Girls'll know if we haven't "changed" yet!"

"Well if we haven't changed then why the hell are we spending all this time learning neat things to say to them?!" Earnie's apparent lack of success bit through his pride like a knife through a saltine. "And besides, Chip, you told me we'd have at least seven carrying our books to class by the Alpha Erp rush party and so far, "his voice broke in a most undignified manner," not even one has been in our room!"

"Don't worry, pal," Chip soothed, "It'll be a cinch just as soon as we learn something different to say that'll get'em up here. After all, some chick in your mechanical drawing class isn't gonna flip out when you ask her to come up and 'see your etchings'. She's probably gotta do seven for homework!"

"Well what about that girl in the dorm who laughed at us when we asked her to come up and listen to music?," Earnie reminded. "I saved up three months allowance buying those tapes and she laughed!!"

"We did get one to check out those tapes in your car," Chip said consolingly.

"Yeah, but as soon as she saw them she ran off giggling to tell one of her friends!" Earnie's puzzlement at topics that seemingly amused females was an ever-present source of pain and indignation.

"I still can't figure that one out," Chip conceded. "What's wrong with Tony Orlando anyway?"

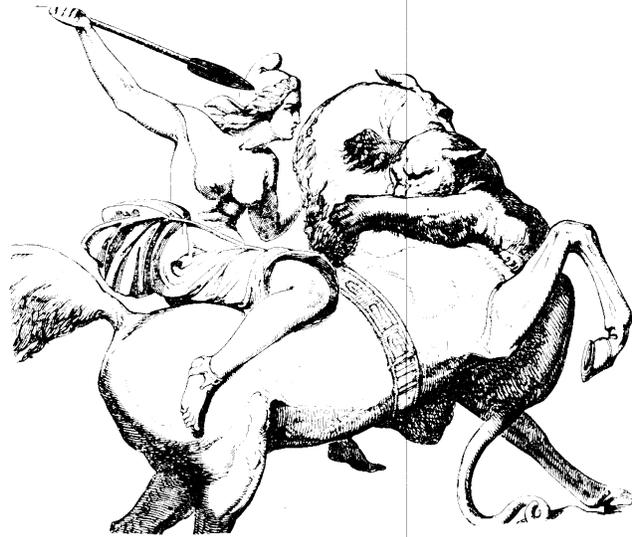
"Are you sure we're doing the right thing, man? Dad married Mom and he isn't exactly a 'hip conversationalist.'"

"Earnie..." Chip paused dramatically as he handed over a mimeographed sheet filled with irresistible and, both boys were sure, unforgettable lines to win

women as easily as opening a locker.

"Earnie, do you really wanna marry someone like your mother?"

"We-ell..." Earnie was looking out the window as he replied. "Hey Chip! Here come some now! Quick! Ready...yell! Hey foxy lady woncha be my baby tonight?!" Earnie cried. He stuck his head out the window — but forgot to close it.



I.E.E.E. Raffle

\$1.00 donation

HP 25 PROGRAMMABLE POCKET CALCULATOR

DRAWING Thurs, Oct. 16

AT THE ROCK 12 NOON

see any ieee member for a ticket...

just a few left-SO HURRY!

## FREE SOCIETY II

The Southern Tech Student Government Association and the Cobb County Chamber of Commerce will present "community dialogues" in a series of six evening programs titled "Technology and A Free Society II," at Southern Technical Institute, beginning Tuesday, October 14 at 8:00 p.m.

Free and open to the public, the "community dialogues" are designed to acquaint the citizen with the challenges of an increasingly technological society, thought-provoking challenges in our bicentennial year, according to Dr. Amos St. Germain, STI faculty member and coordinator of the series.

"The intention of the community dialogues is to create a true interchange of ideas between the college and the greater community" said St. Germain. "We hope to answer the question: Where are we now and where are we going as we enter our third century as a nation?"

Quincy Collins, retired air force colonel and Vietnam prisoner of war, started off the series on Tuesday evening, October 14. Collins, who ran unsuccessfully against Larry McDonald in the last 7th district congressional race, spoke on "Where are we? Where are we going?"

Throughout the coming year, other speakers will be: November 20 - Larry McDonald, 7th district congressman; January 15 - Dr. Michael Mescon, Regent's Professor of Human Relations at Ga. State University; February 17 - Elmo Ellis, WSB general manager; March 4 - Dr. Eugene Odum, Calloway Professor of Ecology at the University of Ga.; and April 13 - Dr. Joseph Cornish, Lockheed Director of Engineering.

All the programs will be held in the STI gymnasium on the Southern Tech campus at 8:00 p.m.

# ANNOUNCING

### CONTINUING EDUCATION

"Understanding Tax-sheltered Investments" is the title of a short course which will be offered by the Ga. Tech/Southern Tech Continuing Education Office on the campus of Southern Tech, Oct. 21-30.

According to Carolyn Namie, head of STI's Continuing Education Office, the course will consist of a general overview of the traditional type of tax-sheltered investments, highlighting the advantages and disadvantages of each type.

"The objective of the course is to help the high tax bracket individual evaluate and select the investment that is in keeping with his investment objective."

Course outline will include partnerships, trusts, investments, tax shelters, credits, etc.

Academic administrator for the course is Frank Sexton, assistant Professor in Industrial Engineering Technology. He served for years with a major management consulting firm before establishing his independent consulting practice.

Fee for the course is \$70.00 and includes all necessary classroom supplies. Deadline for registration is Oct. 10. For further inform. call 424-7219 or 424-8918.

# LOG



### Group Pictures

Clubs and Fraternities need to contact me as soon as possible about their club pictures.

Joe Deadwyler  
Editor '76 Log

# Lines on Wine

by R. Corbin Houchins  
E & J Gallo Winery

## THE WINE SNOB DEBUNKED or

### You Can't Taste While Talking

Benjamin Franklin said, "Wine is constant proof that God loves us and loves to see us happy."

Unfortunately, some people aren't happy with wine unless they can reduce its appreciation to arguments akin to the number of angels that can be accommodated on the head of a pin.

To be sure, the glories of the grape are many and various. The last thing we need, however, is another self-proclaimed pundit swirling a glass and talking about the Gay-Lussac equation while claiming to perceive Gregorian chants and the Rites of Dionysius in the wine.

Just as one need not be a botanist to appreciate a rose or a meteorologist to delight in a sunset, you need not be an enologist to enjoy a glass of wine.

It may be that wine snobs exist because table wine, the kind of wine that increases the pleasure of food (and hence the most important category from an aesthetic standpoint), is relatively new to America. For a long time, the pleasures of table wine have been taken for granted by American families with strong European heritages and by the upper class. But until relatively recently, only a minority of wines shipped in America were table wines. Only in 1969 did table wines make up the majority of shipments. Since then, the category has grown steadily both absolutely and relative to other types.

One of the by-products of the new popularity of fine wine was the wine snob, ready to dictate, pontificate, and obfuscate. There were special glasses to consider, the appropriate wine with each dish, not to mention correct temperatures and serving procedures. And the wines themselves had to be from places with strange and confusing names.

Fortunately, the consumer has discovered that enjoyment of table wine is not complicated. In the marketplace, if a wine is priced right, looks good, smells good, and tastes good, that is sufficient cause to buy it.

What some wine drinkers haven't realized is that straightforward standards of what looks, smells, and tastes good are applicable to all wines. There is no compendium of tasting secrets known only to people who can say Grand Echézeaux five times fast. When the fundamentals are known, with a little practice you will discover that wines disdained by the snobs may stand very comfortably beside those famous European names. More importantly, you will find you are comfortable enough with good wines to share Ben Franklin's relaxed attitude — and that is the most important step toward real appreciation.

In my next three columns, we'll take a close look at tasting techniques.

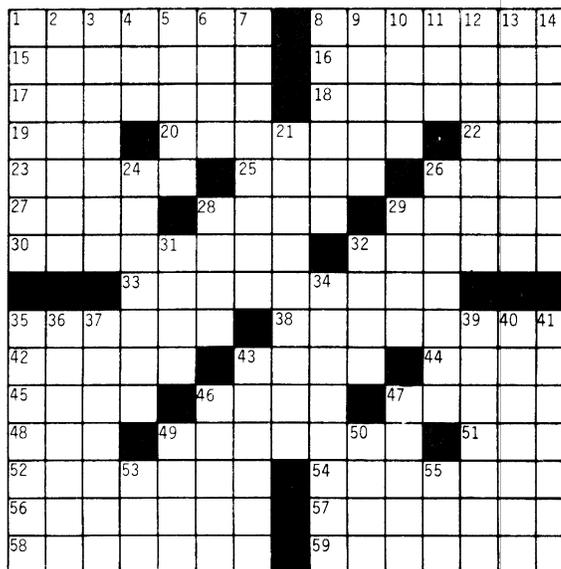
## ACROSS

- 1 Separations
- 8 Welsh —
- 15 Labor
- 16 Gluttony
- 17 Opposite
- 18 Riper
- 19 Society of doctors
- 20 Adolescent
- 22 Turkish measure
- 23 Spanish dance
- 25 Opening
- 26 FBI agent
- 27 Beehive State
- 28 Prick up
- 29 Actor Edward —
- 30 Embryonic layer
- 32 Hoisting machines
- 33 Feeling
- 35 Ground up by rubbing
- 38 Edible crustacean
- 42 Kingdom
- 43 Imitate
- 44 Of a continent: comb. form
- 45 Give it —
- 46 Gershwin tune
- 47 Quaking —
- 48 In favor of
- 49 Jim Ryun's specialty
- 51 Unit of weight
- 52 Thoughtful
- 54 Usually
- 56 Fishing spear
- 57 West African varmint
- 58 Burn marks
- 59 Greek mixing vessels

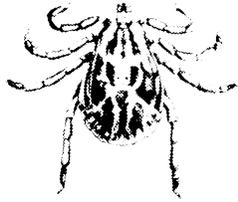
## DOWN

- 1 Geological layer
- 2 Reduce to ashes
- 3 Cuban cigars
- 4 " — Got You Under My Skin"
- 5 Italian painter
- 6 —en-scene
- 7 Railroad cars
- 8 Comment
- 9 Saying
- 10 Price
- 11 Old French coin
- 12 Burt Lancaster role
- 13 Repeat
- 14 Despots
- 21 Reduce to a standard
- 24 Spiritual
- 26 Quick looks
- 28 Await decision
- 29 Poke
- 31 Consider
- 32 Movie: Sp.
- 34 North American tree
- 35 Wrestle
- 36 Reforests
- 37 Of the High Priest
- 39 Burst Apart
- 40 Connective tissue
- 41 Easter hats
- 43 Snell and Jazy, e.g.
- 46 "Unpopular" food
- 47 Pineapple
- 49 Incan labor draft
- 50 East Indian grass
- 53 Quiet please!
- 55 Soak

## collegiate crossword



©Edward Julius, 1975 Collegiate CW/s



MEAN CRITTER  
The Tick

## Care Vital With Ticks

**AUGUSTA** - Look yourself over carefully and if you find one, apply kerosene, iodine or whisky to force it to loosen its grasp.

But don't pull it off with your fingers; use tweezers. And once you've got it, bury it, burn it or flush it down a toilet.

"Take ticks seriously, and know the proper way to remove them," he advises.

"Always use tweezers because a tick could be crushed, extruding blood products onto fingers allowing the Rickettsia organisms to enter through nicks or cuts.

"It's possible," he adds, "to contract the disease in the same manner while removing ticks from a dog."

Dr. Chew says symptoms of Rocky Mountain spotted fever are chills, followed by high fever and often accompanied by headaches, muscle and joint pains. A red rash usually appears on wrists and ankles, later spreading over the entire body.

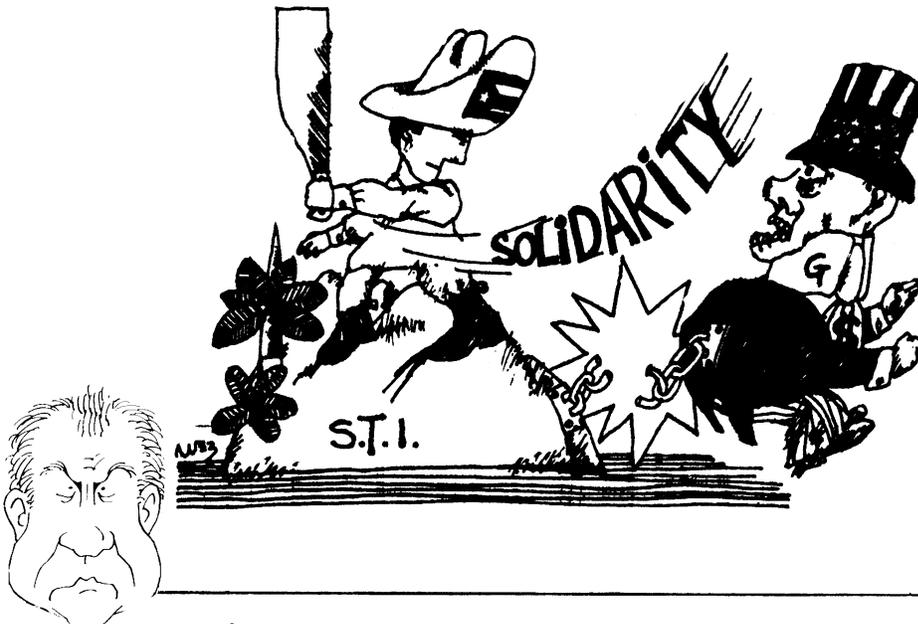
"If someone becomes ill with a fever a week or so after it is known that a tick has been removed, be sure to get in touch with a physician."

These instructions may seem strange, but they're the best way to remove a tick and possibly avoid Rocky Mountain spotted fever says Dr. William Chew, a professor of medicine at the Medical College of Georgia.

"Rocky Mountain spotted fever is caused by the micro-organism Rickettsia, which is passed through the bloodstream by the bite of an infected tick," Dr. Chew says.

But the name "Rocky Mountain" is a misnomer - "the Southeast is where the majority of cases occur."

Though not really a seasonal illness, most cases appear during the spring and summer months. Dr. Chew attributes this to increased popularity in outdoor activities, and a concern with environmental pollution that has decreased use of insecticides.



So you don't like our new name? We're STILL open for any SUGGESTIONS...DROP yours in the box outside the log office. (IT HAS TO BE BETTER THAN WHATSIZNAME!)

# NOTICE !

## CYBER 74 SEMINARS

Beginning October 1, 1975, OCS is offering the following seminars on the use of the CYBER 74. These seminars are designed to help new users (and old) become familiar with NOS and the CYBER 74. In addition two short courses, one in FORTRAN and one in COBOL will be offered. If you are interested in one or more of these seminars, please sign-up, indicating the seminar and section number, on the registration forms available at the I/O counter. In order to conduct a seminar section, we must have at least 6 people registered. All seminars will be conducted in Room 222 of the Rich Computer Center.

1) NOS Batch:

Section 1 - Wed., Oct. 1, 3:30 - 5:00  
Section 2 - Fri., Oct. 3, 2:00 - 3:30

2) NOS Time-Sharing:

Section 1 - Tues., Oct. 7, 9:30 - 11:00  
Section 2 - Thurs., Oct. 9, 2:00 - 3:30

3) Debugging Aids:

Section 1 - Wed., Oct 8, 3:30 - 5:00

4) Beginning FORTRAN:

Section 1 - Mon, Wed., Fri., Oct. 6,8,10 9:30 - 11:00

5) Beginning COBOL:

Section 1 - Mon., Wed., Fri., Mon., Oct. 20,22,24,27  
3:00 - 4:30