The Environmental Quality Bond Act of 1972 will be on the New York State ballots this November. Its passage will be a great step forward in the struggle for a better environment. It will provide $1.15 billion for the following:

1. $650 million will be used to construct new and needed sewage treatment facilities
2. $150 million will go to abate the emission of air contaminants from government smoke stacks (in hospitals, schools, and state owned facilities)
3. $175 million is proposed for the purchase of land resources. This sum is broken down further.
   a. $59 million for key tracts in the Adirondack and Catskill Parks.
   b. $27 million to acquire wetlands
   c. $68 million to acquire land for city parks.
   d. $21 million to preserve natural areas, acquire access rights for fishermen on privately owned streams and improve access to state lands for hunting, fishing, camping and hiking.
4. $175 million will help municipalities start recycling their solid wastes.

Other states are waiting to see the public reaction to this Bond Issue. Its passage could initiate a trend towards similar projects.

If you have any questions or if you have any time to spare to help in publicizing this Bond Issue please contact Robin Cole or Debbie Howe x2637.

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Needed: One Symbol

Now that the name of the College is officially changed, being now the College of Environmental Science and Forestry, a new T-Shirt and Sweatshirt symbol is needed. Students and faculty alike are invited to turn in ideas, with the better few being recognized by a small prize to the designer. If the emblem is deemed of high enough quality, it could possibly also be used for the official College logogram. It should incorporate the new name, the State University Seal, and other appropriate symbols and/or dates. All entries should be left in the Student Council Mail Box no later than October 11, with name and phone number of designer. This is a good chance to express what you feel the College does (or should) represent. We need a wide selection to come up with the best, so get busy on it now!

-Student Council-

**BARBECUE DAY** OCTOBER 11 **BARBECUE DAY** OCTOBER 11 **BARBECUE DAY** OCTOBER 11 **
The '72-'73 Yearbook is still in the planning stage. In order to help us, we would welcome any comments, criticism etc. on the '71-'72 Yearbook, or any ideas for the '72-'73 book. Comments will be published in the Knothole so they may be signed "anonymous", and left in the Knothole mailbox in Marshall basement.

- Tod Wagner -
Editor-in-chief
Empire Forester

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Doug Chamberlain
Joan Barris
Nancy Campbell
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Bob Strecker
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Dave Daniels

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Betsy Boyce

Social Chairman*
Mark Emmanuelson
Bill Kramer
Rick Stoner

*NOTE: This officer has no vote in Council affairs.

Representatives - At - Large [Choose 3]
Mary Butler
Al Mollitor
Joseph Hanson
Kevin Burke
Doug Blum
Jim Turner

Freshman Take Heed!
The following people have been nominated by the Freshman class for their class officers and Student Council representatives. One person shall be elected for each position except for the class representative post where three shall be elected. To get an idea of who these people are, photos and names will be posted on the bulletin board on the 4th floor of Illick, so stop by and take note. Campaigning primarily will take place at the barbeque on October 11. Voting will take place on October 18th during the orientation class.

- Student Council -
Seniors

Seniors may still have their pictures taken in Moon Library Conference Room on Monday, Tuesday, Wednesday - October 9, 10, 11. Those who have not signed up may still do so at the Conference Room. Pictures are formal.

Yearbooks

All those who still wish to purchase or pick up '71-'72 Yearbooks may still do so in Room 100 Bray.

- Tod Wagner -
Editor-in-chief
Empire Forester

Each year the Students Association nominates those students who have contributed outstanding service to the College to "Who's Who Among Students in American Universities and Colleges." All college Juniors, Seniors and Graduate students are eligible for nomination. The criteria in selection of the nominees is:

1. Contributions to the student body and student activities
2. Contributions to the College of Environmental Science and Forestry
3. Contributions to Syracuse University and the Syracuse Community
4. Achievements in fields of study in forestry and your major
5. Academic standing

Obviously it is impossible for the Student Council to know of every student who deserves this honor. Therefore we are asking you to nominate anyone whom you feel has contributed to the College in the ways listed above. Please leave their name, activities and why you feel they deserve this honor in the Student Council Mailbox in the basement of Marshall. Nominations must be in by October 12. The names will be reviewed by the nominations committee and forwarded to "Who's Who Among Students in American Universities and Colleges."

- Bob Loveless -

An Open Letter to Seniors Considering Graduate Study

If you are considering graduate study next year or even in two or three years there are certain things you should do:

1. Find out all you can about graduate programs in your area of academic interest. The variety of programs is almost unlimited. Consult Peterson's Guides for comprehensive descriptions of programs. Review the catalogues of institutions offering programs of interest to you. The Graduate Office maintains the Guides, catalogues as well as posters from many different institutions. Don't forget to speak with your advisor and department chairman as well as your instructors about outstanding programs.

2. Inquire about the variety of financial aid available for graduate education. Although there has been a sharp decline in support to graduate students, there is still money around to the truly promising student. Aside from posters announcing the types of stipends various schools offer, the Graduate Office has an excellent

Continued on next page
publication entitled Financial Aids for Graduate Students. In addition, you should review departmental listings.

3. You should plan to take the Graduate Record Examination as soon as possible. Scores as old as five years are accepted by institutions. Most colleges require the GRE scores and many others require them from applicants for financial assistance. The GRE Aptitude Test (given in the morning) and the GRE Advanced Tests (given in a variety of subjects in the afternoon) are designed to help graduate schools evaluate the intellectual qualifications of applicants. The scores are used to supplement information given in your transcripts to determine potential for graduate education. Also they are used to select recipients for financial awards.

Schedule for the Graduate Record Examinations:

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<th>Test Date</th>
<th>Apply Before</th>
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<td>October 28</td>
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<td>December 9</td>
<td>November 21</td>
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<td>January 20</td>
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<td>February 24</td>
<td>February 6</td>
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<td>April 28</td>
<td>April 10</td>
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<td>June 16</td>
<td>May 29</td>
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You should take the aptitude test and most appropriate advanced test as soon as possible to ensure that scores are received before financial support is awarded. A supply of information booklets and applications are available in the Graduate Office 113 Bray Hall.

If you have any questions about applying to graduate programs, we will be happy to have you come in to 113 Bray Hall.

William L. Webb
Dean of Graduate Studies

Alan L. August
Assistant to the Dean of Graduate Studies

**Basketball - Forestry Style**

If you're looking for a few good laughs on any given night, well, try court number three in Archbold gym at about 5:45 where you'll see the Forestry Basketball League in action. The FBL may not be the best basketball league in the world, but then again, it just might be the worst. The trick, you'll soon discover as a spectator, will be to find out which of the teams provide the most and best entertainment for the viewer.

Wally's Wonders just happens to be one such team. They give you enough to laugh about for a couple of months, which should last you right through the season. As I understand it, the squad is a bit shorthanded this season but that shouldn't affect their typical play as four of the five starters return.

What the Wonders lack in height, muscle, speed and ball control, they make up for with their overwhelming desire. Desire in this case is like being in an 880 yard race, you're behind the leaders by 80 years and they have but 120 years to finish and you still think you can win.

At times in the game the Wonders are so spread out over the court that it appears as if they have no idea as to what they're doing. Well, such observations are correct. When the Wonders begin their patented passing drills, which involve throwing the ball to referees, fans, or anything that moves, you'll know that the Wonders don't know what they're doing. Unpredictability is the team's trademark, with forty-foot shots going in more often than their foul shots. Perhaps the team's best asset lies in their ability to dribble the ball. They have been known to dribble with their elbows, kneew,
or whatever they can possibly touch the ball with.

The team does dress sharp though, with bright red T-shirts with white letters and blue numerals distinguishing the boys from everyone else. A team member has been noted to say that, "When ya dress right, ya feel right; when ya feel right, ya play right."

This year the Wonders have decided to add a pregame show that is rumored to be matched only by "sweet D," Dennis DuVal's performance.

So if you have nothing to do between the hours of 6 and 7 p.m. this winter, stop by the gym and watch a game. Pick a favorite (like the Wonders) and root them on.

By the way, if you happen to see one of the boys in their Wonder shirts on campus, remember that their autographs are free.

- Steve Walroth -

"Make Friends With A Tree"

Raymond Schuessler says: "A tree is not just a hunk of wood with an umbrella of lacy leaves to drink coke or take a nap under. A tree is a thing of beauty if you care to take a careful look; in fact, you only enjoy the outdoors because trees are all around to give the landscape a pretty and comfortable warmth."

As John Muir, one of our great naturalists, put it: "To learn how they live and behave in pure wildness, to see them in their varying aspects through the seasons and weather rejoicing in the great storms, putting forth their new leaves and flowers, when all the streams are in flood and the birds singing, and sending away their seeds in the thoughtful Indian summer, when all the landscape is glowing in deep calm enthusiasm - for this you must love them and live with them, as free from schemes and care and time as the trees themselves."

"One impulse from a vernal wood
May teach you more of man
Of moral evil and of good
Than all the sages can." - Wordsworth

"I hear tell that an oak is the friendliest of trees." - Eustace B. Nifkin

Only God can make a tree
And friends with them I'll always be. - Albert Gomolka

ANNOUNCEMENT: The Sophmore and Junior Classes are sponsoring a square dance October 13 from 9-1 in Nifkin Lounge. The Ozarks will provide live music and a caller. Admission is 25¢ and all refreshments are free.

- Jim Culbert for Sophmore Class -

-PLEASE RECYCLE THIS KNOTHOLE -

BUSES GOING TO AND FROM THE BAR-B-Q EVERY HALF HOUR FROM 8AM- 4:30PM.

MEET BEHIND MOON LIBRARY
Archery Club Meeting

The next meeting of the Archery Club is Monday, October 9 at 8:00 p.m. in the Moon Library Conference Room. Anyone interested in looking into the club is welcome to attend. At this meeting, we will be making the final plan for the contest at the Barbecue. Anyone who is interested in participating should come to this meeting, even if you don't plan to join the club. As it stands now, each class will be allowed a team of four archers. In the event that more than four people show up, a shoot-out will be conducted before the match, the winners of which will have the honor of representing his/her class.

- Eric Mogren -

KNOTHOLE: Believe It Or Not

Bob Loveless, the number one stumpy, has reportedly been observed on the E.S.& F. campus in non-bluejean trousers and penny loafers. Now it seems, that in this time of change and challenge to the forestry image, that the top man, of all people, would abide by the fitting tradition of jeans and boots. Certainly, all dyed in the denim stumps will appreciate if Mr. Loveless will avoid this blasphemy in the future.

- Al Mollitor -

Mr. Molliter:

I appreciate your concern but I would like to defend my actions. You refer to this "Time of change and challenge to the forestry image." and you are quite right. You are also correct when you call jeans and boots a "fitting tradition." However, let me remind you that we are a professional school. As professionals in this "Time of change" we should be equally at home in the woods or in an office, working with loggers or with legislators and finally equally at ease in boots and jeans or coat and tie. As professionals we have to fill many roles today Mr. Molliter and therefore I am sure you can appreciate the reason why I do not always wear jeans and boots.

Sincerely,
Bob Loveless

Yes, There Are Girls Who Like to Chop Wood

It's not just a rumor, it's true, there are girls trying out for the Woodsmen's team and we would like to come out in full force for the Barbeque. There is no sense in standing on the sidelines the whole day watching the same people do all the events, the fun is where the action is, in competition. When an event comes up, jump in and participate, you may win some points for your class and if not, it will be a tremendous amount of fun anyway. We have only one Barbeque a year - let's make this one we will never forget.

- Debbie Howe -

- 106 Pints Given In Blood Drive -
**Employment Opportunities**

A new employment service, The Ecology Placement Service, has recently been established to help people such as you obtain positions that properly use your training and education. The Ecology Placement Service publishes a monthly listing of over 100 jobs. The Graduate Office subscribes to this Service and any member of the College Community is welcome to come to 113 Bray Hall to review the bulletin.

-Alan L. August, Assistant to the Dean of Graduate Studies

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**All Day Protection**

To improve security and safety coverage of the Campus, a 24 hour-a-day watch station has been established. The station is located in New Maintenance Building at the west end of the Campus. The station will monitor the Campus fire alarm system annunciator panel, the emergency telephone (extension #333), and a base station for the new Security/Maintenance radio network.

During regular working hours, 8:00 A.M. to 5:00 P.M., Monday through Friday, the station will be monitored by Maintenance personnel. At all other times the station will be manned by the Security Department.

Extension #333 has been set up as an emergency call number. Emergencies, such as accidents or crimes, and requests for immediate service or aid should be made using the 333 number. Routine Security and Safety business or general information may be obtained using the 264 number.

Keys and parking permits will continue to be issued at the Director of Security's Office, Room 224 Bray Hall at the established times (Tuesday and Wednesday 10:00 A.M. to 12:00 Noon; Thursday and Friday 2:30 P.M. to 4:30 P.M.). Please enter correct phone numbers in new Directory.

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**THE KNOTHOLE:** The student publication of the State University College of Environmental Science and Forestry. Published every Monday. Students and faculty who have ideas about our College, notices they wish published, suggestions, stories, poems or anything that they think might interest or readers, are encouraged to submit these to the Knothole. Please sign your name to the articles and date them as well. Articles should be put in the Knothole mailbox no later than ten days before publication. Anyone interested in joining the Knothole Staff is invited to contact any of our members either in person or via student mail. We also welcome any comments and/or criticisms. These should be placed in the Knothole mailbox.

**STAFF:** Editors: Kevin Cotter & Dennis Foote; Associate Editor & Artwork: John Karoly; Reporters: Sally Butler, Dave Dimmlck, Pete Finn, Al Mollitor, Scott Tirrell; Special Assistance: Pat Casciere, Bill Kropelin, Don Schaufler; Faculty Advisor: Dr. J. V. Berglund; Typist: Doreen Squire.
Recycling

In the last week everyone has suddenly found himself being watched by ubiquitous white containers with green theta symbols on them. These squat little watchmen seem to be waiting for us to feed them the paper which we use and which can be recycled.

These containers are placed by the student Recycling Group here at the College of E. S. and F. Although you see only one kind of container, the paper gets sorted into eight different categories by the Recycling Group crew before being recycled. We have surrounded you with these containers so that everything from your Daily Orange to a ream of computer paper or old letters can be dropped in.

Waste paper goes through local waste paper dealers to mills in other parts of New York which use recycled paper to make chipboard (cardboard), roofing felt, new newspaper, etc. Some of the higher grades recycled may go into writing or printing paper. The importance of paper recycling can be justified on the basis of dealing with a solid waste problem beginning to get out of hand (paper constitutes 40 - 55% of trash) as well as decreasing the conflict between various competing uses of the nation's forests.

The easiest way to say what types of paper can be recycled is to single out what things are considered contaminants: anything containing plastic (e.g. cellophane, plastic coatings), metal (staples, foils, etc.), carbon, wax coatings, as well as pressure-sensitive adhesives, envelope windows, tape, paper towels and picture postcards are no-no. Anything else is probably safe.

Persons bringing paper from home may take it to the garage behind Walters Hall. With recycling made so easy, we hope that you will be stimulated to help make the paper program at the College an ever more successful thing. Join the group if you're interested.

For general information you may contact Werner Kist (Flint 4A-2333) or Dan Hahns (Day 4-2161). Leaders in the various buildings are Roalnd Vosburg (Baker), Steve Wraight (Bray), Tom Zelker and Paul Berang (Illick), Pat Casciere (Marshall), Steve Bosch and Mike Giruin (Moon), and Don Schaufler (Walters).

A subcommittee of the Recycling Group is drawing up a plan for cooperating with local communities in the county to recycle glass and metal. It is necessary that the group have comprehensive information on which community groups, schools, clubs, organizations, etc. have established, attempted to establish, or even just thought about, recycling centers or recycling programs of any type in Onondaga County. It would be appreciated if students, faculty or staff who have some knowledge of such attempts would come forward. Please contact Werner of Dan whose phone numbers are given in the above paragraph. This is a good opportunity for the College to be of assistance in bringing resource recovery still closer to reality.

- John Goff -
Recycling Group

Keep On Pedaling

Bicycles are a very good means of transportation; they provide good exercise and cause no pollution or other environmental problems. Parking and traffic congestion difficulties are almost completely avoided. For short distances in the University area the fastest means of transportation is often by bicycle. Of course, snow and rain storms sometimes make travel by bicycle dangerous or at least uncomfortable. Because of the many advantages which they offer, the use of bicycles as a means of transportation is encouraged whenever possible.

Bicycle racks are provided at locations convenient to all buildings and covered bicycle parking is available at the west end of Illick Hall and under the staircase between Walters and Bray Halls. When parked for the day, bicycles should be securely chained; thefts of bicycles are not uncommon in the University area. It is false
economy to protect a bicycle with $50 to $150 with a cheap cable or chain. A hardened steel chain and lock is a sound investment. For maximum protection, the chain should be run through the rear tire, frame, front tire and bicycle rack. When chained in this fashion it is not possible for any of the major components of the bicycle to be stolen. At the very least, the chain should be wound through the frame, rear wheel and bicycle rack.

Racks should always be used for parking bicycles. Bicycles should not be chained to trees, lamp posts or fire alarm stations. Because of the danger such a practice presents, any bicycles found chained to fire alarm stations, fire hydrants, or sprinkler system connections, will be removed by the Security and Safety Department. Bicycles parked in such a manner that they block the free flow of traffic into or out of a building may also be removed.

Under no circumstances should bicycles be taken inside buildings. In spite of the obvious advantages of inside bicycle parking, the congestion that they cause in corridors and rooms presents too great a safety hazard for this to be permitted. Bringing bicycles into buildings also creates extra work for the janitorial staff.

Although not mandatory, a free bicycling registration service is available through the Syracuse Police Department. Registration of your bicycle would be of significant help in the event it were stolen.

John F. Litcher  
Director of Security

Conservation Comments  
by Paul M. Kelsey  
New York State Regional Conservation Educator

Many hunters innocently assume that because clothing designers put a game pouch in the back of a hunting jacket, that it should be used to carry their take. Would you go down to the market and knowingly buy chickens that had been stuffed into plastic bags immediately after being killed, and then left out at room temperature for six or eight hours? When you buy meat you assume that it has been cleaned and cooled immediately after it was killed. Why not do the same yourself?

The main reason for the failure of game to reach its full potential on the table is not because of poor handling in the kitchen, but because of poor handling before it ever reaches the kitchen. Considering the product that many housewives receive, it is small wonder that they turn up their noses when the day's prize is brought in from the field. It doesn't matter whether it is domestic or wild meat, only when it is properly cleaned and cooled can a quality product be expected.

Immediate removal of the entrails will eliminate the major source of bacteria causing spoilage. This is particularly true when the intestines have been punctured by shot, permitting their contents to spill out and taint the flesh. Evaculating your game also opens the body cavity permitting it to cool properly, unless of course, you jam it right into the confines of your game pouch.
Instead of putting it in your game pouch, prop the body cavity open with a small stick and let it dangle from your belt. If you must use your game pouch, it is a fine place to carry a thermos of coffee, sandwiches and rain gear.

After removing the entrails, the body cavity should be wiped clean of all blood clots with a dry cloth, paper or even dry grass. Blood in or on the flesh makes it soft and watery and detracts from the natural flavor of the meat. There is always a temptation to wash the body cavity if a stream is handy — dont. It gets rid of the blood, but water also has a softening effect on flesh and makes it more susceptible to bacterial action.

The skin will prevent unnecessary drying and contamination of the carcass, so it is visible to leave it in place until the meat is prepared for the pot or freezer.

Hunter-killed game usually has some damaged flesh which should be removed before the meat is put into the refrigerator. Where blood has penetrated the flesh without other damage, soaking the meat two to six hours in cold salt water (one tablespoon of salt to a quart of water) is helpful.

Unfortunately a lot of good rabbit meat never gets home because the hunter finds many little jelly-like sacs in the body cavity and is afraid the animal is unfit to eat. These little objects are the cysts of the dog-tapeworm waiting for some fox or hound to devour them so that they can transform to their adult stage. As far as having any effect on the meat is concerned, there is none. They are removed when the animal is cleaned. Keep them away from your dog, however.

This is a natural condition in almost all our cottontails, and fortunately does not appear to have any serious effect on their health and well being. Over the last few years the only cottontail that I have taken which was not infected, was one I shot hoping to get a photo of the cysts.

Some of the cysts also appear as white spots in the liver making hunters suspect tularemia. The white specks of tularemia are small and profuse on a swollen liver, while the dog tapeworm cysts appear as white spots, about the size of the end of a pencil, on a normal liver.

FOR FURTHER INFORMATION, CALL:
Arthur Woldt (518) 457-5400