

9-27-1971

## The Knothole, September 27, 1971

SUNY College of Environmental Science and Forestry Student Body

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### Recommended Citation

SUNY College of Environmental Science and Forestry Student Body, "The Knothole, September 27, 1971" (1971). *The Knothole*. Book 210.  
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# THE KNOWTHALE

STATE UNIVERSITY COLLEGE OF FORESTRY  
VOLUME 22, NUMBER 3, SEPTEMBER 27, 1971

HOVERTER MEMORIAL  
ARCHIVES

## ECS - More Than You Think

The Educational Communications section of the Office of Public Service and Continuing Education, coordinated by Dr. David Hanselman, is relatively new to our college. Many students, however, are far more familiar with its activities than they might think. ECS has a fourfold purpose of resident instruction, continuing education, public service, and research. In serving this purpose, the personnel of ECS are responsible for the maintenance and repair of thousands of dollars worth of equipment throughout the year. This equipment is used in creating films, slides, overhead projections, and instructional television to aid ECS in achieving its purpose. New techniques such as computerized instruction, role playing, and gaming in education is also being investigated.

ECS's first major aim is that of making resident instruction more effective and meaningful. This means that the media fulfills a much more integral part of the learning process than the "supplemental enrichment" approach which audio-visual aids popularized in post-World War II days.

"Welcome to your brightly-colored carrel." Certainly every Botany 100 student can identify the speaker as Dr. John Morrison. Yet how many of you were aware of the behind-the-scene efforts of ECS with respect of the auto-tutorial laboratory systems, implemented last year for the Freshman Botany and Zoology courses. These labs, for which over 23,000 35mm slides were taken, each undergo a rigorous evaluation as we Educational Communications staff will never be satisfied until maximum effectiveness is achieved.

A great deal of the time of ECS is involved in the teaching of General Forestry 502, Applied Communications (formerly Interpretive Forestry to the Public). This course is designed to make students aware of the need for communication with the public and to provide them with the knowledge and the means to achieve this communication.

The efforts of the Educational Communications section for continuing education and public service have included films on aquatic biology and new wood processing techniques. ECS also maintains a film library of four hundred prints which circulate to an audience of over 500,000. Soon to be added to this library is a film of the Guatemalen semester of the Landscape Architecture School. The objective of ECS with respect to research is to aid the researcher in making the best communication of his research to his colleagues, whether it be by means of slides or film.

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Some other projects of ECS include the planning and installation of a new sound system for Marshall auditorium and the addition of a \$15,000 remote controlled multi-media system to 5 Illick. This summer, as you read in this year's first KH, 12 Illick became a closed-circuit television studio. A motion picture studio is located behind this room. Television is already used in chemistry classes for the explanation of laboratory procedures and the College is presently awaiting final completion of Room 12 facilities as still another means by which to improve the total educational system.

-Barbara Steves

**NOTICE:** The Knothole is in the process of developing a calendar of events to be published weekly in upcoming issues. All faculty members and administrators, as well as students and their respective organizations are asked to participate. Please submit dates, times, and locations of important meetings, seminars, or College activities to the Knothole. It would be appreciated if members of the College community would contribute notices of all events whether you feel they are of sufficient interest or not. We also desire to include notices of local events and ask for your cooperation in developing a worthwhile calendar. Thank you.

**THE KNOTHOLE:** The student publication of the State University College of Forestry at Syracuse University. Published every Monday. Student and faculty who have ideas about our College, notices they wish published, suggestions, stories, poems or anything that they think might interest our readers, are encouraged to submit these to the Knothole. Please sign name to 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 also be placed in the Knothole mailbox.

**STAFF:** Editor, Evan Dentes; Associate Editor, Bob (Montana) Brown; Art-work, John Karoly and Bob Brown; Reporting, Barbara Steves, Deb Klaas, and Jim Wilkins; Faculty Advisor, Dr. J. V. Berglund; Typist, Doreen Squire.

PLEASE **RECYCLE** THIS KNOTHOLE

To the Editor:

The Ford Foundation is pleased to announce the continuation of the following programs for the 1972-1973 year:

Doctoral Fellowships for American Indian Students  
Doctoral Fellowships for Black Students  
Doctoral Fellowships for Mexican American and  
Puerto Rican Students

These fellowship programs are for students who have not undertaken any graduate or professional study, and who wish to pursue the Ph.D. and to enter careers in higher education. Each program will support full-time graduate study for up to five years contingent upon the Fellow's satisfactory progress toward the Ph.D. Eligibility requirements and further information may be found on the enclosed announcements.

We would appreciate your announcing these programs in your newspaper so that we may inform the seniors at your institution about the available fellowships and encourage all eligible seniors to apply.

Instructions and application forms may be obtained from The Ford Foundation, 320 East 43rd Street, New York, New York 10017. Applications for all three programs must be complete by January 10, 1972.

We will be happy to provide additional information upon request.

PLEASE NOTE: More information available from Evan Dentes.

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Hookway's Great Oak

Opposite Syracuse University's student housing on E. Colvin Street is a tract of land one-half mile long extending north to Broad Street. About one-half the distance between these two streets, near the east boundary of the tract, there stands a recently discovered giant black oak Quercus Velutina Lam. which for want of a better name may be called "Hookway's Great Oak," after a former owner of the area. This tree is without doubt one of the largest and oldest black oaks of eastern North America—the range for the species. The huge trunk at breast height (4 1/2 ft. above the ground) measures about 15 ft. in circumference which gives a diameter of just under 5 ft. The largest branch about 20 ft. from the ground and 1 1/2 ft. through was dead and has been removed. The crown with its large contorted branches is some 80 ft. in span and gives every indication of vigorous growth. Two twigs on a fallen live branch showed a length of 10" for the 1971 season.

A ring count on the base of the large branch gave an age of 140 years, the time it took for the tree to grow from that point upward. How long did it take for the tree to grow from the ground to a height of some 20 ft. at which point a side twig was formed that through the years became the large branch? If one assumes an average top growth of 6 inches each year, then 40 years may be added to the 140 count and the total age of the tree is about 180 years. Using an increment borer, a small core 1 3/4 inches long was taken from the trunk at breast height. This showed 16 rings which gave

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an average ring width of .11 inch. On this basis, the tree might be some 264 years old. But this is improbable since in age, rings are usually much narrower than in youth. The base of the tree shows a considerable cavity, and in removing some of the decayed wood, a chunk was found possibly 8 inches from the tree's center in which a cross section showed plainly 5 rings, each one very close to 3/16 inches wide. If this were "average," then the tree is only 155 years old! Averaging 264 and 155 gives 209 years for the tree's age. All this is hypothetical. Because of the decayed center, we shall never know how long it took the tree to grow the first 20 ft. A publication of the U. S. Forest Service gives a maximum diameter of 4 ft. for black oak, and an age of 200 years. The American Forestry Association's publication of the largest standing trees of each species lists a black oak 7 ft. in diameter.

Anyone wishing to visit "Hookway's Great Oak" may do so by driving along Westmoreland Avenue and parking at the south end of Sherman Park playing field. Follow the dead end cross-street west into the field and turn right. Do not be concerned about the amount of decay in the old tree. Such oaks often live for many years in this condition. Not only is this the largest and oldest black oak in and around Syracuse, but it may be the largest and oldest single tree of any kind in this area. If you find a bigger one, let me know!

-William M. Harlow  
Professor of Wood Tech.

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#### Accreditation Week - Students Be Prepared

October 11 through 14 the College of Forestry will be reviewed for reaccreditation by the Society of American Foresters (SAF) and the Middle States Association of Colleges and Secondary Schools (MSA).

It has been decided that this should be a time for self-evaluation by those involved in all facets of the College. MSA asked that we of the College prepare a series of four seminars on "topics of major importance to the College and to educators and scientists concerned with Forestry and related subjects." The following papers were resultant and will be presented in open seminars on October 12 and 13.

"The College Mission: A Changing Focus" Dr. Palmer (9:30 am, Tues. 12)

"Professional Education: Its Nature and Relevance" Dr. Larson (3:00 pm, Tues. 12)

"Instructional Quality: Its Assessment and Attainment" Dr. Berglund (9:30 am, Wed. 13)

"Research: Its Purpose and Dimensions in an Academic Environment" Dr. Pentoney (3:00 pm, Wed. 13)

I feel that we, as students, can most effectively express our views about the College by speaking with the authors of the papers before the week of review. There will be very little opportunity for open discussion at the time the papers are presented.

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I encourage all students to familiarize themselves with the four seminar topics. Copies of the papers can be borrowed from the Student Council Office, Room 18 in the basement of the library. We want your opinion. Please show your interest in the College of Forestry by actively participating. Thank you.

-Paul Chakroff  
Student Council  
Senior Senator

### The College Reorganizes

(continued from last week's KH)

#### F. Administration - Keeping the Whole Thing Together

Maintenance, business services, and security all are essential to the function of each of the other College branches. It is Vice-President David G. Anderson's responsibility to see that these services remain responsive and efficient. To work for maximum use of existing facilities is an important job of Dr. Anderson, also. The Institutional Research division helps him do this by studying use patterns of the College's buildings and grounds and making recommendations. Also, the statistics the division gathers are necessary for the formulation of the College's budget.

#### Only the Beginning

Just as President Palmer found it necessary to readjust the administrative structure Dean Jahn established, so he admits that he and his predecessors will undoubtedly refine the new system still further. "It has to be an ongoing process," President Palmer has said. The administrative structure must continue to respond to changing needs, and cannot be thought of as stationary.

Nor can all aspects of the reorganizational plan be initiated at once. Certain goals of this reorganization will have to be carried over and included as goals of the next administrative reshuffling.

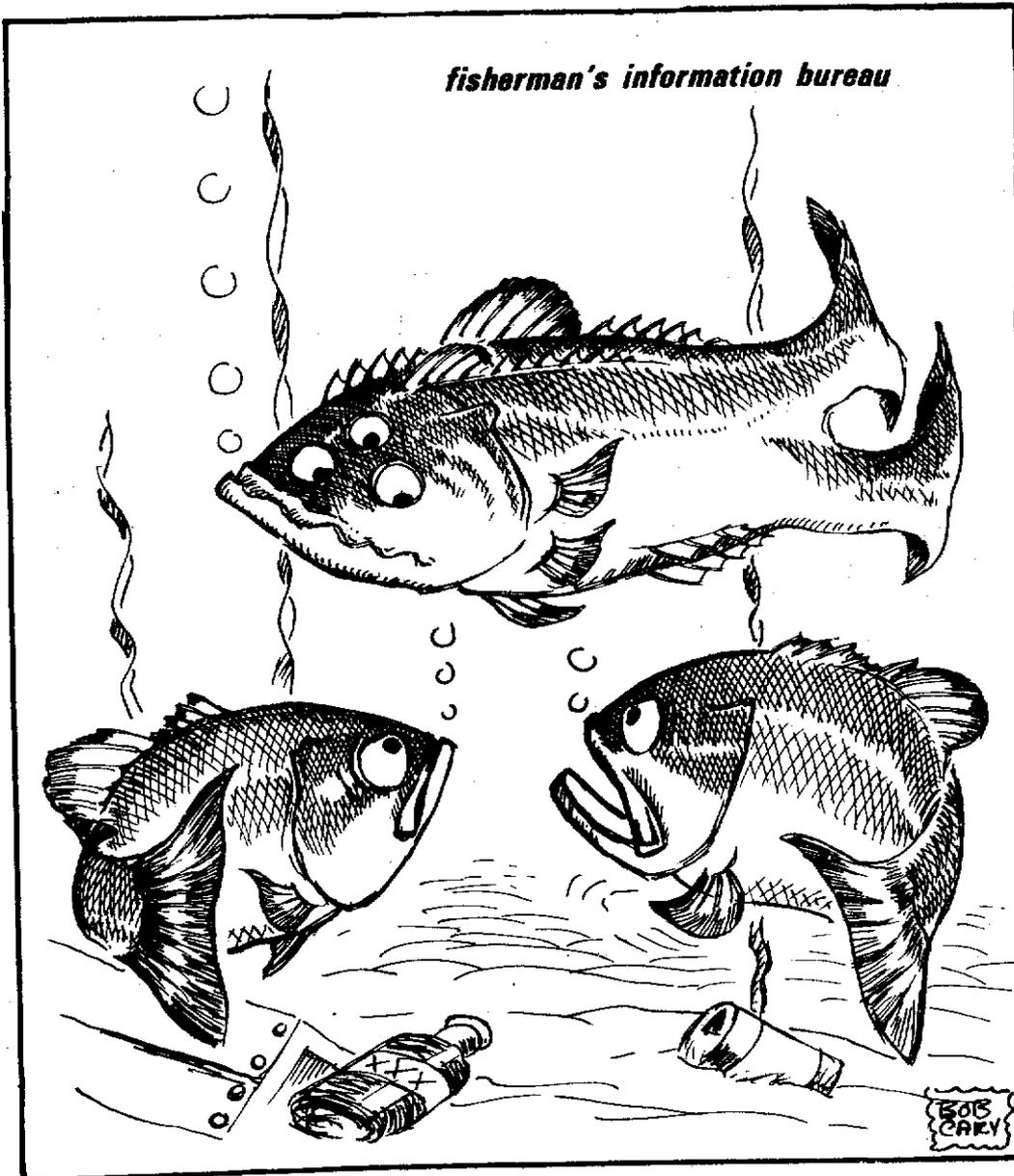
The purification of the one man - one job idea will come when permanent Deans replace Acting Deans Pentoney and Zabel, both of whom already are Vice-Presidents and administrators in other branches of the College's structure. This could be accomplished quite soon. Development of the proposed Resource Policy department, however, might have to wait much longer. Planning for the department has already been interrupted by two events: the resignation of S. U.'s Chancellor Corbally, with whom talks on interdisciplinary studies were going on, and the fiscal crisis in Albany, which has severely hampered the chances of monetary backing for the department this budget year. Postponed development plans will not be forgotten, though. Patience will be the rule. The changes are worth waiting for.

The impressive advance President Palmer has made in the area of administrative structuring is a visible sign of the College's reaction to the needs and tempo of the times. The spirit of environmentalism has always been here, yet the efficiency and organization so essential for success in modern society has been lacking. Because of this lack, the College's

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spirit has often become tangled in the cumbersome web of its administrative structure. Now, with the web greatly untangled and designed to make the quick decisions needed to deal with crises in the modern world, the College can more swiftly continue to develop its role in solving today's environmental problems.

-Paul Hornak



"I'd like you to meet my cousin Fred from down back of the nuclear power plant."

-CONSERVATION NEWS 7/15/71