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The Knothole, October 19, 1970

SUNY College of Environmental Science and Forestry Student Body

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News from the Department of Administrative Organization:

Since the first day of registration week there has been construction equipment grinding away madly around our quad. Long, trenchlike holes were cut on both sides of it. Trees were uprooted and taken away. Bulldozers stacked and unstacked piles of soil. The answer to the question of "Why all this frantic activity?" comes from the Department of Administrative Organization.

The work being done now is phase one of a two-phase redesign of the Forestry quadrangle. When it is completed, hackberry trees will line its sides, each row with drainage systems (thus the purpose of the long, gravel-filled trenches) to assure survival and proper growth. Grass will cover the former planting beds in front of Moon Library. Phase one will run up a bill of close to $80,000.

Next summer, if funds are available, phase two will begin. The interior of the quad will be redesigned in order to accommodate multiple use. Traffic patterns will be laid out. The cost of the second phase is uncertain as of now.

Construction of a new half-million dollar maintenance building for the College is underway. To be located west of Baker Laboratory, the building will be an underground complex. The western facade alone will be visible. The roof will serve as a parking lot. Consolidation of all College of Forestry maintenance into one area to bring about more efficient operation is the goal of the project.

A new entrance for the College is coming, too. It will enter the grounds from Stadium Place. It is hoped that traffic flow within campus boundaries will be improved by the roadway.

In the first week of June, an $80,000 painting job began in Marshall Hall. On July 1 Syracuse painters went on strike. Consequently, the painting of Marshall will have to wait until the strike is resolved.

Outside the campus, building is going on within several tracts owned by the College. A new laboratory is going up at Huntington Wildlife Forest. The Pack Demonstration Forest at Warrensburg will soon have a women's dormitory. General repair work continues at the Cranberry Lake camp. Also, a new faculty cabin will be ready for the next summer session there.

Paul Hornak
THE KNOTHOLE

The student publication of the New York State College of Forestry.

PUBLISHED: Every Monday
ARTICLES: Students and faculty who have ideas about our College, notices they wish to announce, suggestions, stories, poems, or anything that they might think our readers would find interesting are encouraged to submit these to the KNOTHOLE for publication. Please sign name to articles, and date them as well.
DEADLINE: Articles should be put in the KNOTHOLE mailbox in the basement of Marshall Hall no later than ten days before publication.

Anyone interested in joining the KNOTHOLE staff is encouraged to get in touch with any of our staff members either in person or else via student mail. We also welcome any comments and/or criticism. These should be placed in the KNOTHOLE mailbox.

STAFF

EDITOR: Mickey Sull
ASSOCIATE EDITOR: Cathy Wangerman
ART WORK: Montana Brown
John Karoly
STORIES AND REPORTING: Mark Clark
Paul Hornak
Bob Kobelia

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(Alternative to the $$T - included in a recent letter from the Interior Department's Student Council on Pollution and Environment (SCOPE) directed to Transportation Secretary John Volpe)

"Enclosed is a SCOPE prototype for the Advanced Infra Sonic Aircraft (AISA). SCOPE recommends immediate material allocation for the construction of this sophisticated and highly prestigious flight system. The AISA fulfills the same purposes and functions of the SST in providing distraction from more pressing problems; however, our accounting staff assures us the AISA is superior in economy and safety."

ADVANCED INFRA-SONIC AIRCRAFT (AISA)
R Series -- Prototype

ORIGIN: Coyote Ridge Aerodynamical Research Society (CRARS)
TYPE: High performance esoteric entertainment flight system.
AIRFRAME: Simplex-folded sheet of semi-rigid cellulose material.

(Continued on Page 3)
POWERPLANT: Primary stage - Hand Assisted Take-Off (HATO)
Secondary stage - Time-space displacement quasi-
inertia drive with external aeolo-thermal gradient differ-
tential booster.

PERFORMANCE: CLASSIFIED (surrealistic)

STATUS: First R-series prototype flown 5 Jan 68 during
clandestine tests in the Icelandic highlands,
R-series are currently being flown by members
of the United States Senate. Production models
of R-series are scheduled for immediate deploy-
ment pending DOT sanction.

NOTES: Variable configuration airframe is characterized
by a 180° sweep of vertical stabilizer from ven-
tral to dorsal orientation as well as a droop
nose typical of large supersonic aircraft. The
AISA was originally designed as a form of esoteric
entertainment; however, the flexibility inherent
in the basic flight system indicates a potential
for replacing the SST as an alternative method for
getting nowhere in a hurry.

- Conservation News
  September 15, 1970
Paper Recycling Project

In less than two weeks the College of Forestry will have permanently established a project aimed at improving one aspect of our environment—we will be among the first to set a "waste not" policy by making provisions for recycling a large portion of all the waste paper this institution puts out—and all we're waiting for are garbage pails!

Appropriate receptacles will be placed in every hallway of every building on our campus. These will serve as collection centers for all potentially recycle-able paper that any floor will produce. These receptacles will exhibit the ⃝ symbol now representative of the ecological movement in general, as well as an explanatory poster. From this initial point of collection, students will cart the paper over to the maintenance garage behind Walters Hall where massive sorting can be accomplished. This is the most important step of the project, since not all waste paper can be recycled—Chris Peterson will be on hand to educate the rest of us as to what can and cannot be used. And finally, from this last center the usable paper will be trucked out by a dealer for eventual re-use.

We cannot over-emphasize the need for cooperation from everyone—in order to set a good example and make this effort work, all students, faculty, staff, and administrators must chip in and help. To find out more details and see what you can do, come to the general meeting on Thursday, October 22, at 7:00 p.m. in Marshall Hall (check for posters).

President Palmer and the rest of the administration have given us whole-hearted support, and the maintenance staff have been tremendously resourceful, but the success of this project depends entirely upon a dependable supply of people willing to work—so come to the meeting, see how things are set up, and help us out in this really worthwhile cause.

Don Musbach

There's an old fellow I know who loves to sit by the fire an' just whittle. He'll whittle for hours, not saying a thing unless you speak to him directly; slicin' and carvin' --stoppin' once n' a while to spit on his hardstone that he keeps handy, and stroke up the edge a bit. Sometimes he just whittles fuzz sticks for the fire, but most times he's whittling on something important like a doll or a whistle for one of the young'uns. If you ask him to, he'll carve you up most anything from forks 'n spoons to fishin' poles. Chances are, if you want some little thing made of wood, he'll whittle it for you.

He's a right wise old fellow, too, Yep—a regular sage of the wilderness. And it wasn't too awful long ago when I was a young whippersnapper and not too bright that I come to find out just now wise 'n smart he was.

It was heading towards winter at the time; a mighty chilly out, when I stomped into his cabin. Feelin' mighty big for my breeches I was, 'cause I had just got done killing myself one yew-mun-gus monster of a bear. I plunked myself down across the way from him. "Hey, old man," I said, "How ya doin'?

He peered at me over the top of his rimless spectacles without stopping his whittlin' and said "Hey."

"Guess what," I blabbed out, tryin' not to grin too much.

"Cain't guess," he said, as if he weren't quite interested but would listen anyway.

"I just shot me one helluva big bear!"

"Oh, really?" he said without looking up, and I continued with a detailed account of my daring adventure. Left nothin' to his imagination either, I led him through the miles of torturous stalking, the skill of my tracking, the fortitude of my determination. He kept on whittlin' and I kept on talking, I was just about to the climax part when I thought I saw him snicker, but I was jawin' too fast to know for sure. I jumped up and aimed an imaginary gun at the wall to give my story effect. "Blarn!" I said, "right between the eyes." I stood there in that shooting pose waiting for the inevitable praise. He just kept on whittlin'. By and by he stuck the knife into the floor by his foot and looked at me over them spectacles; eyeball to eyeball.

"Been huntin', eh, boy?! Any luck?" 
STUDENT LEADERS CONFERENCE

This year's Student Leaders Conference is October 29, from 9 a.m. to 4 p.m., at Highland County Forest. The Conference is an annual meeting of faculty, administration, and students to discuss pertinent issues involving our campus. The topic of this year's Conference is Curriculum and Curriculum Changes with proposals on establishing an Honors Program, discussing an Environmental Studies curriculum, and improvements of General Education facilities and programs.

There are twenty-five openings for interested students who would like to discuss these issues at this year's Conference. These vacancies will be filled on a first come, first serve basis. If you would like to attend, notify me by Student Mailbox. I will in turn notify you if vacancies are still available so that you can attend.

Gary L. Tompkins

FOR A FRIEND

I had a good time tonight,
Hearing those songs was soothing,
And somehow more meaningful
Because a friend sung them,
Lots of things are like that I guess,
Although they feel happy inside
They're not safe until touched
By someone nearby.
I mean
Not safe from being passed by
Or made less important
Just because no one felt it with you,
It's nice
When you feel good inside
And someone else is there, too,
You're much closer then,
Sharing something, knowing it's better
Because someone is nearby.

J. C. Gumbinger

The following is the first of a three-part article by Mr. Austin Hamer of our College faculty. This article, which is a survey of job areas most highly sought after and active today in the general field of forestry, is of particular interest to Seniors of our College; yet it should be of value to other classmen as well. In Mr. Hamer's words: "The main reason is that the survey may help to identify for students what today's professional foresters feel they need in the way of education. Their first two priorities are for Environmental Conservation and Land Use Planning. Neither of these study areas were attracting much attention even as recently as two or three years ago. Suddenly, a lot of resource managers are recognizing their weaknesses in these areas. In third place is Communications with the Public.

(continued on page 6)
Foresters, as well as other professionals, have always had to communicate with the public if they were to implement management programs with high potential for success. Perhaps these men are now recognizing the need for the real "know-how" of a pro if they are to be successful.

The remaining seven study areas ranked among the top ten are all important. Some individuals will need other subjects. At least this information will help us to provide continuing educational opportunities which best meet present self-determined needs of professional foresters in this area.

Report to: The New York Section
Society of American Foresters

From: Education Committee
Austin F. Hamer, Chairman

New York Section members of the Society of American Foresters responded with a statistically reliable percentage of returns from the questionnaire on continuing education which was circulated last spring. About 20 percent, or 105, of the 530 questionnaires were returned. This was not as high a percentage of return as hoped for, but was sufficient for the study. The data from these were placed on key punch cards and processed by computer.

The Education Committee was in full agreement that it was most important to determine which ten areas of study were of highest priority. Table 1 lists those study areas in which respondents showed the highest degree of interest. Originally, it was planned to give weighted priority ranking to each study area, based on the respondents ranking of preferences from 1 to 10. Too many of the questionnaires were returned with simple checkmarks to indicate interest. Thus, the table shows ranking based only on the number of respondents who indicated an interest in each of these areas of study.

The questionnaire provided for selection from a total of 74 possible study areas grouped under administrative management, financial management, personnel management, industrial, and technical. The total printout will be of value to schools of forestry in the New York Section membership area for their use in developing continuing education opportunities to serve the needs of practicing foresters and natural resources managers.

It is interesting to note that the two study areas given top priorities are of very recent development. Foresters graduating four or five years ago might have had difficulty finding courses in environmental conservation or land use planning. Not only did the SAF foresters give these two areas top priority, but so did 576 out of 720 College of Forestry alumni respondents. It is interesting to speculate what study area might have received first ranking if "environmental" concerns had not

(continued on page 7)
gained such popular appeal within the last year or two.

Table No. 1

Self-Determination of Educational Needs by 105 Members of the New York Section of the Society of American Foresters
(105 Responses from 530 Questionnaires distributed)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Need</th>
<th>No. Responses</th>
<th>Percent</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Environmental Conservation</td>
<td>63</td>
<td>60</td>
</tr>
<tr>
<td>2</td>
<td>Land Use Planning</td>
<td>56</td>
<td>53</td>
</tr>
<tr>
<td>3</td>
<td>Communication w/Public</td>
<td>43</td>
<td>40</td>
</tr>
<tr>
<td>4</td>
<td>Forest Ecology</td>
<td>40</td>
<td>38</td>
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<td>5</td>
<td>Taxation</td>
<td>37</td>
<td>35</td>
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<td>6</td>
<td>Data Processing</td>
<td>31</td>
<td>29</td>
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<td>7</td>
<td>Logging</td>
<td>31</td>
<td>29</td>
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<tr>
<td>8</td>
<td>Personnel Supervision</td>
<td>30</td>
<td>28</td>
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<tr>
<td>9</td>
<td>Silvicultural Practices</td>
<td>29</td>
<td>27</td>
</tr>
<tr>
<td>10</td>
<td>Business Economics</td>
<td>26</td>
<td>24</td>
</tr>
</tbody>
</table>

Response to the section on primary professional specialties showed that 57% of New York Section members work in forest management. This may indicate that a majority are generalists. Less than half a dozen listed themselves as specialists in any one of the categories such as economics, entomology, engineering, recreation, information-education, silviculture, or forest products manufacturing. Of the total, 76 percent are currently employed in forest-oriented work, and 39 percent have 15 or more years of experience. Nearly as high a percentage showed less than 6 years experience. State government was shown as the employer for 36 percent of the respondents. The greatest number of men, 29 percent, reported earnings in the $7,500 to $10,000 range. However, 20 percent were in each of the next two higher brackets, and nearly that many in the $15,000 to $20,000 level. Less than 8 percent were in the $5,000 to $7,500 range. This is a little difficult to correlate with the frequently heard complaint of low salaries for beginning professional foresters.

Other interesting information derived from the questionnaire showed that 60 percent have bachelors degrees, 23 percent have masters, and 12 percent have doctorates.

As expected, 87 of the 105 respondents live and work in the mid-Atlantic region comprised of New York, Pennsylvania, Delaware, Maryland, New Jersey, and the District of Columbia. An additional six were from the New England states; another five were from other states, and four were from foreign countries.

(continued in next issue of KNOTHOLE)
STUDENT CHAPTER OF THE WILDLIFE SOCIETY

The Student Chapter of The Wildlife Society here at the College of Forestry started its program of speakers for the coming year. Herb Doig, Chief of the Bureau of Wildlife for the Environmental Conservation Dept., was present at our September meeting. Mr. Doig presented his views of the job situation in the new department, while describing some of the changes already made and those yet to come.

Our next meeting will be Thursday, October 22, in 5 Illick at 7 p.m. Our speaker will be Lee De Graff. Mr. De Graff is an Upland Gamebird Biologist currently at the Delmar Research Lab. He will speak on the Upland Game program currently in operation in the state. Since this meeting falls only four days after the small game season opens in the Southern Zone, I extend a special invitation to all the hunters at the College of Forestry to attend this meeting.

George Walter
President
Student Chapter
The Wildlife Society

THOSE PROTESTS ABOUT KILLING BABY SEALS:

Few practices in recent years have so riled people on both sides of the Atlantic as the harvest of seals in the Gulf of St. Lawrence and in Alaska. Widely publicized in national magazines and on television networks, the bloody clubbing and skinning operations raised the hackles of thousands of people who were vocal in their protests. Now, Canadian authorities say they have forbidden the taking of infant "white coats," which cannot swim, and activities on mature "brown coats" are being regulated to ensure that welfare of the species is not jeopardized. However, if surplus seals are to be harvested, officials say clubbing is the quickest and most painless method. Meanwhile, several proposals introduced in the U.S. Congress would prohibit the taking of seal pups and female seals in the Pribiloff Islands and require quick and painless methods of killing the animals before they are skinned.

National Wildlife
June-July 1970

DRILLING MORATORIUM

Oil and gas drilling in New York's Great Lakes waters is prohibited for at least two years.

In establishing this moratorium on the search for hydrocarbons beneath New York's portions of Lake Erie and Lake Ontario, it was stated that this Department would not grant oil and gas leases on these submerged lands before mid-1972 at the earliest. The effect would be the prohibition of any drilling for oil or gas.

During the period there will be time for further study of the safeguards that must be made a part of any permit for drilling beneath Great Lakes waters. Of signi-

(continued on page 9)
ficance to the study will be the opinions of the International Joint Commission on the feasibility of drilling. The agency, made up of high-level personnel from the U.S. and Canadian federal governments, has been studying the problem for some time, and is expected to publish its findings within the next few months.

The announcement follows an inquiry for clarification and updating of the Department's fall of 1969 statement that leasing would not be done until safeguards were set to assure maintenance of the highest standards of water purity for Lake Erie.

Conservationist
Aug-Sept. 1970
Vol. 25, No. 1

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NOTICES

To The Freshman Class

On Monday, October 19, there will be a meeting of all candidates running for the offices of President, Vice President, Secretary-Treasurer, and Social Chairman. This will be your last opportunity before the election to meet all the candidates together and ask questions of the group. The meeting will be in 5 Illick starting at 7:30 p.m. and lasting until 9:00 p.m. We urge that you attend.

Graduate Students

The Graduate Student Association has recently received authorization from the Student Council to establish a separate account to receive graduate student fees, thus permitting the Association to prepare its own budget to suit its special needs. This authorization was made with the understanding that the Graduate Student Association will continue to be represented in the Student Council and will continue to participate in its activities. In line with this, the Graduate Student Association's budget includes a contribution to the treasury of the Student Association for the support of College-wide activities, such as the annual Banquet and Barbeque.

The Graduate Student Association meets each Wednesday noon in the Botany Seminar Room, 334 Illick Hall. All graduate students of the College of Forestry are invited to attend these meetings.
NIFKIN HOUR

The first Nifkin Hour (really an hour and a half) will be held on October 30, 1970, from 3:30-5:00 p.m.; place to be announced.

Nifkin Hours - sessions where students and faculty just mingle together and casually meet, discussing whatever they feel like discussing - are quite informative. They're prime opportunities for these "two groups" of our College family to get to know one another, over a cup of cider and a donut. We urge all students, faculty and professional staff to attend. We'll plan on seeing you there!

ALL STUDENTS PLEASE REMEMBER TO CHECK YOUR STUDENT MAILBOX DAILY! OL' EUSTICE MAY HAVE LEFT SOMETHING IN SOME OF THEM FOR YOU!

Mr. Claude C. Freeman, Assistant Professor at the School of Landscape Architecture, is displaying part of his pre-20th Century bottle collection on the Third Floor of Marshall Hall, College of Forestry. For those who are interested in seeing this fascinating collection, you are welcome to come between 8 a.m. - 10 p.m. Monday thru Friday.

With few exceptions, they were dug during this past summer in the Adirondacks near Tupper Lake, N.Y. They represent a wide variety of glass blowing methods and colors as well as uses. Though many have not been classified, it is felt that they represent the period from 1860 to the very early 1900's. Among the more interesting bottles are the torpedo pop bottle, the teal blue, and red wine bottles, the amber flask and many of the inkwells. The stein and jugs were also dug and, though more difficult to date, are thought to be some 80 to 90 years old. The purpose behind this exhibition is to show the beauty in everyday household items of the 19th Century as compared to the machine-made products of our 20th Century technological society. No two bottles are exactly alike because each is a product of a craftsman using imperfect glass mixtures, molds and techniques resulting in different colors, bubbles, whittle marks, and irregularities.

This collection will be on display until November 6.

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REMEMBER FOLKS - YOU'RE ALL INVITED TO PRESIDENT PALMER'S INAUGURATION - LET'S ALL ATTEND AND SHOW OUR SPIRIT!

OCTOBER 23, 1970 11:00 A.M. PATIO BETWEEN WALTERS AND BRAY HALLS