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The Knothole, December 8, 1965

SUNY College of Environmental Science and Forestry Student Body

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REMINDERS

1. GRE (Graduate Record Exam) applications and fee due by December 10th.

2. Audubon Wildlife Film, New England Saga, Regent Theatre, Monday, December 13, 8:15 P.M.

3. See Earl Mirus to order College of Forestry rings, Room 309, Lawrinson, $10.00 deposit required. (Note: Girls had better arrange another meeting place!)

MINUTES

TENTH STUDENT LEADERS' CONFERENCE

Student Association President Peter Feret called the Tenth Student Leaders' Conference to order at 11 a.m. Mr. Feret spoke to the theme of the Conference, "Building A Better College of Forestry." He called attention to the desire of all Student Leaders that the Conference formulate concrete resolutions, the execution of which would build a better College. Mr. Feret introduced Dean Hardy L. Shirley.

Dean Shirley spoke briefly of the rewarding experiences resulting from prior Conferences and noted that these Conferences had provided, and should continue to provide, a forum for students and faculty to discuss many matters of mutual interest in an effort to improve the College learning environment. He expressed hope that this Conference would be equally as rewarding as the previous nine, and noted his disappointment that no Conference was called last year. Dean Shirley commented on the timeliness of this year's agenda in view of widespread faculty-student interest and action in these areas. With interest from all, he recalled his reactions as a student to several of his professors, noting that each professor almost had his own style of teaching and so often results were the same, though teaching styles made some instructors more interesting than their colleagues. He called the group's attention to the difficulty inherent in developing realistic, workable course and teacher evaluation systems, but expressed hope that this Conference would discuss freely such difficulties and find ways to overcome them if action was taken to construct such systems.
Mr. Feret introduced Dr. Edwin H. Ketchledge as Moderator for the Conference. As a first order of business, Dr. Ketchledge asked that each participant introduce himself and state his association with the College. He explained the procedures under which the Conference would operate, noting that there would be three discussion groups and that reports from these groups should be returned to the Conference in the form of resolutions upon which all participants could vote.

Dr. Ketchledge then spoke of the increasing problems of today's colleges and universities which seem inherent as the role of the university expands. He particularly noted student fear that by reason of increasing enrollments they will become but numbers, and stated that feelings of this nature must be avoided at the College of Forestry. To call further attention to problems arising from the present relationship of students and faculties, Dr. Ketchledge reviewed four recent articles dealing with this changing relationship. Among the authors' comments were these: graduate centers are not developing sufficient teachers of quality; students have too little contact with their faculty; impersonal testing; classes that are too large; teaching assistants with poor command of the English language; and improper balance between teaching and non-teaching load for teachers.

During the period of open discussion which followed, Mr. Feret spoke of the need for a more positive and constructive student attitude and the apparent need for formalized channels of communication between students and faculty, and between students and administration. He noted that, while faculty-student communication is satisfactory in the opinion of the majority of the students in most areas, there is room for improvement and it is the hope of the Student Leaders that this conference may point the way toward such improvement.

Dean Robert A. Zabel reviewed his attendance of the recent American Education Council. He remarked that the consensus of opinion among educators in attendance appeared to be that the basis of student unrest has been the gradual lowering of the quality of undergraduate instruction, regardless of reasons therefor, and that the big problem facing colleges and universities today was how to improve and efficiently the quality of such instruction. He further remarked that it seemed apparent from discussions at the Council that so-called "academic freedom" for the student appears to be less of a problem in professional and engineering schools than it is in liberal arts schools. Dr. Zabel suggested that consideration be given during this Conference to a student seminar on the administrative program of the College, or the initiation of a Question Box for students seeking factual answers to perplexing questions arising from their student relationship.

Among other comments made by various participants regarding faculty-student communications were these: there must be increased student-faculty involvement; while there is no communication difficulty for the student in academic trouble, there is a communication problem at other times; students are seriously questioning the need for certain courses in the various curricula; and there are a certain few instructors who rate as poor by the students.

At the close of the box luncheon period, the three discussion groups convened in their assigned rooms and during the period from 1:00-3:30 p.m., discussed the topic assigned. Group I, under the leadership of Mr. Feret, discussed a teacher evaluation system; Group II, under the leadership of Mr. John Conklin, considered a course evaluation system; and Group III, under the guidance of Mr. Warren Flick, handled the many faceted area of faculty-student cooperation.

After a short coffee break the discussion groups reconvened as one group to hear the reports from the three Discussion Leaders. Mr. Feret reported that Group I generally
resolved to institute a teacher evaluation system as a means of analyzing College of Forestry instruction and with the objectives of bringing about an improvement in the general quality of teaching as well as a means of giving recognition to outstanding instructors. Mr. Conklin reported that Group II in general resolved to institute a course evaluation system as a means of analyzing College of Forestry courses, with the objective of improving course offerings and content of individual courses. Mr. Flick reported that Group III had covered considerable territory, discussing topics such as student representation at faculty seminars, student participation in the faculty Curriculum Committee, an All-College Convocation, more department open houses, to volunteer senior student participation in guidance work as supplements to the system of faculty advisors.

Lively discussions were held on each of these reports. The Moderator then asked that the three Discussion Leaders put before the group the concrete resolutions of each group. The following resolutions were placed before the Conference in motion form, duly seconded, and on voice vote were approved:

**Group I** - Resolved that the 1965 Student Leaders' Conference go on record as favoring a teacher evaluation system for instructors at the College of Forestry, the details of which shall be developed through a joint student-faculty committee.

**Group II** - Resolved that the 1965 Student Leaders' Conference approve a course evaluation system at the College of Forestry, the development of which should rest upon a student committee in cooperation with faculty members acting as advisors and the use of which shall be voluntary on the part of individual instructors.

**Group III** - (1) Resolved that student opinion be sought in evaluating teaching competence and potential of prospective faculty members.

(2) Resolved that the faculty committee on Student Activities incorporate three (3) Student Leaders within their organization and take an active and continuing interest in the development of communication between the faculty and the student body.

(3) Resolved that volunteer senior students should be used to supplement the faculty's student counseling system.

(4) Resolved that Student Council should organize an All-College Coffee Hour as a means of promoting contacts and communications within the College.

**Editors' Note:** With only minor deletions of detail, these are the official minutes of the Student Leaders' Conference of November 18, 1965 as recorded by Professor J. E. Fisher.

**A NOTE OF THANKS**

The Tenth Annual Student Leaders' Conference required, and received, much cooperation between the administration, faculty and students. I would like to especially thank Dean Crossman for his cooperation in planning the Conference, Dr. Ketchledge for serving as moderator of the Conference and Mr. Fisher for serving as recorder. Their help was much appreciated. I would also like to thank John Conklin, Junior Class President, and Warren Flick, Forestry Council Vice President, for serving as discussion group leaders. Their's was a job well done.
The Forestry Council has formed committees to carry out the resolutions of the Conference. If there are any students interested in serving on these committees, please contact me through student mail.

Peter P. Feret
Forestry Council President

IMPORTANT NOTICE

Any student who does not intend to register for the second semester of 1965-66 must notify Professor Green or Dean Crossman in writing no later than January 14th.

If he fails to give such notification, he will not be eligible to apply for the balance of his advance payment sent to Syracuse University.

Office of Student Services

JOB OPPORTUNITIES IN THE U.S.
SOIL CONSERVATION SERVICE IN NEW YORK STATE

Five new soil and water conservation districts, a new North Atlantic Region River Basin Survey, and acceleration of conservation planning and watershed activities in the Appalachia Region require the SCS to hire about 20 new employees. But the civil service registers do not list enough names of eligible candidates, the Syracuse office reports.

New jobs exist in Syracuse and in thirteen Southern Tier counties from Lake Erie to the Catskills. New SCS offices will be established in new conservation districts in eastern New York State. Normal retirements and transfers make it possible that new employees might be needed in many of the fifty-three counties in which SCS is authorized to work. Only Orange, Putnam, Nassau and Westchester counties and New York City do not have soil and water conservation districts.

Mr. Wallace L. Anderson, in charge of the agency's activities in New York State says that he needs civil engineers, soil conservationists and soil scientists. A Bachelor's Degree or its equivalent is required. The starting salaries, depending on education and experience, range from $5181 to $7304. Applicants selected would become federal civil service employees with many fringe benefits including life and health insurance.

Conservationists, who may hold degrees in agronomy, agricultural economics, biology, forestry or related fields, assist landowners to develop soil and water conservation plans. Planning is based on knowledge of the soil obtained from soil maps prepared by soil scientists. Many of the conservation plans include engineering practices which must be surveyed and designed by engineers. Vacancies occur in all three of these fields, Anderson reported.

Applicants who write to the Soil Conservation Service, 700 E. Water St., Syracuse, New York, 13210, should indicate briefly their education and experience. They will be told promptly how to apply for a civil service rating.
SENIORS RECEIVE SCHOLARSHIPS

Two College of Forestry seniors, Robert Bachorik and Thomas Kelly, have received scholarships recently. Bob, who has previously held Syracuse Pulp and Paper Foundation scholarships, received a $500 award from the Paper Industry Management Association. Tom, a wood products senior, received the College's Nelson Courtland Brown Scholarship. The purpose of this award is to stimulate academic interest in the processing and distribution of lumber and other forest products.

On behalf of the entire student body, we the editors of the "Knothole" would like to extend our sincerest wishes for continued success to these two outstanding members of the senior class.

WILL THE FORESTER WITH THE MUDDY PANTS PLEASE RISE

Suggestion: Have someone put a load of stones behind the WAER building to improve the footing.

FALLOUT SHELTER ON CAMPUS

According to College officials, Baker Laboratory has been selected for the construction of a fallout shelter. Plans call for a total capacity of 1,335 people.

The shelter will be built in an unexcavated portion of the basement. One large sleeping area is planned, along with a general activity area. The shelter will be air conditioned and have a filtered air supply. It will be stocked with a two-week food supply and 10,000 gallons of water.

A POEM BY R.S.S.

A flake of snow, a drop of rain
Silently kiss a barren earth
Ever so slowly they become a trickle
Seeking shelter of the valleys below.
Speed drives it on its way,
Streams, then rivers take form.
There is a gradual slowing following
A period of turbulence and unrest.
Eventually the river comes placidly
To rest in an endless common sea.

We are but flakes of snow and
Drops of rain on a barren earth.
Life begins and moves slowly to the unknown.
Soon a hectic pace is assumed,
There are some serene pools but
Guzzling rapids comprise most of our existence.

When our sea of life is reached
We discover that we have been
Too concerned fighting the rapids to
Notice the pools - we have not lived.

R.S.S.
W.P.E. CLUB

The Woods Products Engineering Club will meet this Thursday, December 9th, at 7:30 P.M. in Room 324 Baker. Empire Forester pictures will be taken. Dress in school clothes.

A short business meeting will follow. Please attend - especially for pictures.

NOTE: The Sweetheart's Ball is on Friday, February 18th. Plan ahead.

FOREST CHEMISTRY CLUB

There will be a meeting of the Forest Chemistry Club Monday, December 13th at 7:30 P.M. in Room 308 Baker. A chemist by profession and a magician by preference will perform.

SAENGERBUND

This Wednesday, December 8th, at 7:00 P.M., the College of Forestry Glee Club will devote the evening to Christmas songs. Anyone interested is invited. We plan to go Christmas Caroling on Wednesday or Thursday evening the following week. Watch for meeting date, place, and time for the Caroling on the Students' Association bulletin board in Marshall Hall. Our trek around the University area will end with hot chocolate and coffee at Dean Crossman's home.

Donald Jones
Secretary-Treasurer

HOW ABOUT....

A 3/4 length bulletin board for the west side of the concrete beam on the first floor of Marshall Hall, as one comes in the east door, so meeting notices can be more easily placed thereon?

ROBIN HOOD PHOTO CONTEST
COLOR!


Two Categories: Landscape and Miscellaneous

$5.00 - 1st prize
$3.00 - 2nd prize
$1.00 - 3rd prize

$.25 entrance fee for each photo submitted!
Instructions:

1) Place each print or slide in an envelope with the $.25 entry fee.
2) Label the envelopes with your name and category of the photo.
3) Leave envelopes in the Robin Hood Mailbox in Lounge.

ALL ENTRIES WILL BE RETURNED

Tom Dwyer

OF CHRISTMAS TREES, FUNGI AND THINGS LIKE THAT

How many of you botanists and pulp and paper majors can name the major species of fungi found in pulp suspensions? For that matter, how many of you G.F.ers really know where those Christmas trees come from? Two recent publications by members of the faculty will help you learn the answers to these and many other questions.

Fungi of Pulp and Paper in New York by Dr. Wang of the Forest Botany Department is the first comprehensive treatment of fungi commonly found in pulp and paper mills in the United States to be released since 1925. The book discusses 115 species of fungi and Actinomycetes. The text is supplemented with both line drawings and plates. In addition to supplying identification information, the book also explains methods of culturing many of the species.

"The Story of Your Christmas Tree" by Professor Carlson is a pamphlet intended for the layman. It answers questions such as "What types of trees are used for Christmas trees?" and "How do Christmas trees grow?". The nature of the book is such that it should be of interest to children and adults.

Both of these books are available from the Extension Department. The cost of Dr. Wang's book is $1.75, while Professor Carlson's pamphlet is free.

FORESTRY BASKETBALL INTRAMURALS

Every year the College of Forestry sponsors an intramural basketball loop to determine who is best in hoop, within our gloried halls.

Teams may be formed on a class, curriculum, status in life (married, single, losers, etc.) and any other basis you may think of (within reason).

Anyone interested in forming a team submit:

I. A team name
II. Team captain and phone number

Submit to: Pete Egan
Box "E"
or call Ext. 3537

Team captains will be notified of the schedule as soon as possible.

All entrants should be in by December 17th at the latest.
1. One of the most fascinating of all plants found along a moist nature trail in New York State, this succulent herbaceous plant has a history of being used as a remedy for poison ivy. I have personally seen the ruby-throated hummingbird frequent its orange blossoms. Its leaves, when placed under water, glisten like sheets of polished silver. What is it?

2. a. About how many genera of native and naturalized trees are there in the United States (excluding Hawaii)?
   a) 125  b) 250  c) 375  d) 410  e) 450

   b. Into approximately how many families are these genera grouped?
   a) 50  b) 75  c) 100  d) 150  e) 190

   c. Approximately how many species of native and naturalized trees occur in the United States (excluding Hawaii)?
   a) 350  b) 450  c) 760  d) 860  e) 1060

   d. Approximately how many different species of trees occur in Alaska?
   a) 15  b) 30  c) 45  d) 60  d) unknown

   e. The genus containing the most species (149) of trees in the United States is in the Rosaceae. What is this genus?

3. In general, there are three forms of water according to availability and in reference to field capacity and the hygroscopic coefficient that occur in soil. Using the physical classification of free water (F), capillary water (C), and hygroscopic water (H), place the appropriate symbol to the left of the applicable phrase.

   a. moves mostly in vapor form
   b. removed in drainage
   c. tension varies from 31 - 10,000 atmospheres
   d. tension varies from 0.1 - 0.5 atmospheres
   e. nutrients leached with the water
   f. held between field capacity and hygroscopic coefficient
   g. functioning as the soil solution, moves by film adjustment
   h. more capable of being held in clay colloids than in sand

4. Tree Section: Identify the following indigenous trees:
   a. Fruit a prickly ball often hanging on over winter; found in wet soils; corky wings on twigs at times
   b. Bark warty; fruit cherry-like, sweet; inhabitant of rocky slopes, often limestone
   c. The petiole has two bristles at its base which often persist and develop into spines; fruit a flat pod, 2-4 inches long
   d. Chambered pith; roundish nuts; valuable wood; well-formed terminal leaflets rare
   e. Pith chambered but not hollow between partitions; inner bark with sweet odor; very tall, deciduous
ANSWERS TO WOODLORE QUIZ NO. 7

1. Spotted Touch-me-not, Jewel weed (Impatiens pallida)
2. a. (b), b. (b), c. (d), d. (b), e. Crataegus or Hawthorn
4. a. Sweetgum
   b. Hackberry
   c. Black Locust
   d. Black Walnut
   e. Tuliptree, Yellow poplar

SOURCES

2. Checklist... 1953, Introduction.

POSITIVE ACTION: LIBRARY HOURS

There was a sentence in the How About column of the "Knothole" last week dealing with why the Library was not open more on the weekends. Through the efforts of the Forestry Council the Library will be open on Friday and Sunday nights. The new hours are:

Monday - Friday --- 8:30 - 5:30 -- 7:00 - 11:00
Saturday ------------ 8:30 - 5:00
Sunday -------------- 1:00 - 10:00

The only way the Library can stay open at these extended hours is if people use the Library.

David B. Daubert
V.P. Forestry Council

PARTY NO. II
(Sponsored by Senior Class)

When: December 10, 1965
Where: Salt Cellar, West Fayette Street
Time: 9 - 1
Band: The Jesters
Tickets: $1.50 from any Senior Class Officer

All Students invited to attend

P.S. There will be free pizza.