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The Knothole, December 1, 1965

SUNY College of Environmental Science and Forestry Student Body

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KN THOLE

STATE UNIVERSITY COLLEGE OF FORESTRY AT SYRACUSE UNIVERSITY
Syracuse, New York 13210
December 1, 1965

Editors: Tom Patrick, John Piston, William Winter

Deadline for Entries: Monday 8:45 A.M.

Published by Alpha Xi Sigma

GRADUATE RECORD EXAM

Seniors interested in Graduate study should remember that the Graduate Record Examination (GRE) deadline for applications is December 10, 1965. The Exam will be given at Syracuse University on January 15 and February 26 but will be given only to those who have submitted an application prior to December 10!

The GRE is rapidly becoming a standard requirement for admission to Graduate Schools throughout the country. At Syracuse University, for example, it is required of all applicants in nearly every field. Seniors interested in graduate study are encouraged to take the test so they can see how they compare with other students, and as a probable pre-requisite for admission.

SAENGERBUND

The College of Forestry Glee Club will hold its weekly meeting this Wednesday, December 1 at 7:00 P.M. in Marshall Hall Auditorium. We shall continue to consider any suggestions by fellow Forestry students which you may have to improve our group. These suggestions should be placed in the 'S' mailbox in Marshall Lounge.

Under the capable leadership of William Lowden we will be singing folk songs, show tunes, and recent popular songs. Will you be with us this Wednesday?

Donald Jones
Secretary-Treasurer

WHY I WILL NOT HELP
"REVITALIZE AN OLD TRADITION"

I am a Sophomore Biochem major, and I think I represent a number of my classmates, other undergraduates, and decidedly myself in this statement:

To all Seniors:

While I as a lower classman will consent to respect Seniors in all respects pertaining to their supposedly greater knowledge of the lore of Forestry, and their undoubtedly greater knowledge of the history of the College of Forestry, I cannot acknowledge them to be more intelligent, better educated generally, more experienced, more mature, or more responsible adults, except on a purely individual basis, by which I judge all my fellow men. Nor can I acknowledge, on any basis, the Seniors to be my superiors socially, racially, politically, religiously, culturally, or in any other consideration that would indicate their being better human beings or would be injurious and damaging to my pride and self-esteem. I, for one, will not "cooperate and wait for (my) time at the exit", with the exception of normal courtesy to those walking before and with me.

Thomas Balson '68

HOW ABOUT...

Keeping the student lounge and lunch room free of trash?

Having the library open more on weekends?

Obtaining some usable light bulbs for the lounge - it's like a cavern at night.

COLLEGE RINGS

Seniors and juniors can purchase class rings from the Balfour Co. through Earl Mirus. These are the only official College of Forestry rings.

You can choose between a 10, 12, or 14 penny weight ring, with a synthetic tourmaline or a synthetic emerald spinel stone, buff or facet. The gold encrusted pine tree is available with the buff stone only. These rings have both the State University of New York seal, and the Syracuse University seal on them. The seals on these rings are an integral part (it is cast as one unit), whereas the rings available through the Bookstore and Manny's are not. The seals on those rings are cast in separate dyes and soldered onto the ring.

There are ring samples on display in the Lounge trophy case - take a look at them.

I will be available in my room (309 Lawrinson) on Monday, Wednesday and Thursday evening after 11:00 A.M. to take orders. A \$10.00 deposit is required. Prices start at \$39.50.

Earl Mirus

XMAS TREE SALE

Kappa Phi Delta has begun its annual Xmas tree sale. Orders for Scotch or red pine and greens will be taken. Orders can be placed in person at 200 Walnut Place or by calling X 2470 or 478-5302 at any time.

Paul Costello
Publicity Chairman

ZOOLOGY CLUB

This week, Friday, December 3, the Zoology Club will meet in Room 326 Marshall Hall. Guest speaker at this meeting will be Mr. Ben Tullar, a deer biologist from the N.Y.S. Conservation Department. He will give a program about deer management in New York State. Refreshments will be served and everyone is welcome to attend.

Bob Kon

SPECIAL ANNOUNCEMENT

QUALIFYING EXAMINATION - GRAPHICS 2 - DECEMBER 4

A special qualifying examination for those who wish to demonstrate their competence in Graphics 2 will be held on Saturday, December 4, from 2:00 - 5:00 p.m. in Room 145, Baker Laboratory. Students are eligible to take this qualifying test who have had at least one year of mechanical drawing.

Graphics 2 is now a required 2 Hr. course in the Spring semester of the Freshman year for students in the Pulp and Paper, Landscape Architecture and Wood Products Engineering curriculums. Sophomores, Juniors and Seniors who have not completed the former 1 Hr. courses in Graphics 1 and 2 will also need to consider the possibility of taking Graphics 2 this coming semester.

STUDENTS WHO EARN SATISFACTORY SCORES ON THIS TEST WILL NOT BE REQUIRED TO COMPLETE THE GRAPHICS 2 COURSE.

The examination will cover applications of technical methods in three different areas: Machine drawing, architectural and topographic drawing, involving knowledge of orthographic, isometric, and oblique projections, lettering and dimensioning.

In machine drawing only normal projections are used. Revolved projections, development of warped surfaces and actual design of screw threads are not required. It is expected, however, that candidates will be able to use the conventional symbols for standard threads and intersections. Standard systems for dimensioning in machine and architectural drawing will also be used.

In topographic drawing methods of making a contour map from information from grid or bearings, with customary symbols, will be covered. Also, the making of a profile section with exaggerated scale.

cont'd.

Necessary review information is available in most standard drawing textbooks with coverage in engineering drawing (machine drawing), architectural and topographic drawing.

Students should bring their own instruments for the exam. Paper will be furnished. The minimum equipment needed will be a T - Square, triangles, pencils (2H), erasers and a drawing board if you have one.

STUDENTS WHO PLAN TO TAKE THIS QUALIFYING EXAM ARE ASKED TO SIGN UP IN ROOM 107, BRAY HALL BY DECEMBER 1.

For further information see Mr. Maraviglia, Room 312, Marshall Hall.

DONALD F. GREEN
REGISTRAR

WOODLORE QUIZ NO. 6

This weekly series of questions is meant to bring back old memories for some and to teach new things to others who desire to learn more of the wonders of natural history. (Compiled by Tom Patrick.)

1. What wayside weed is often thought to be a fern due to its delicate, fern-like leaves? When in flower, this composite is adorned with small whitish flowers in nearly flat-topped clusters at the top of each stem.
2. Match the occurrence or event with the appropriate period of geologic history. Note the time each period occurred and the era in which it happened when making your considerations. Use one response per period.

	<u>Period</u>	<u>Millions of Years Ago</u>	<u>Occurrence or Event</u>
	<u>(MESOZOIC ERA)</u>		
_____	Jurassic	181	a. first mammals
_____	Triassic	230	b. first reptiles
	<u>(PALEOZOIC ERA)</u>		
_____	Permian	280	c. first vertebrates (jawless fishes)
_____	Carboniferous	335	d. development of forest trees and first amphibians
_____	Devonian	405	e. first birds
_____	Silurian	425	f. first beetles
_____	Ordovician	500	g. first vascular land plants, supposedly

(Sources: Ross, A Textbook of Entomology, p. 406.
Wilson and Loomis, Botany, p. 469.)

3. Tree Section: Identify the following common native trees.

- a. Leaves on spur shoots, twigs, aromatic, bark used as tinder _____
- b. Fluted trunk; fruit a nutlet at base of a three-lobed leafy bract _____
- c. Slightly zigzag twigs, branched thorns; pinnate to bipinnate leaves _____
- d. Judas is said to have hanged himself in an Asian species of this tree _____
- e. Tree on which Eastern Dwarf Mistletoe (Arceuthobium pusillum) occurs most frequently _____

4. Equisetum is the common generic name of the horsetails. Which of the following phrases are true of it?

- a. has specialized xylem
- b. stem mostly hollow except at jointed nodes (in most species)
- c. a narrow cambium lies just beneath the coarse and highly silicaceous outer stem layer
- d. also known as scouring rushes
- e. dioecious
- f. placed in class Monocotyledonae due to parallel veins on sheaths at joints; the sheaths thus considered primitive leaves
- g. has no specialized phloem due to slightly parasitic nature of entire plant body

4. a, b, d, and e are the only true phrases

- 3. a. Yellow birch
- b. Blue beech, American hornbeam, Ironwood
- c. Honeylocust
- d. Judas-tree, Eastern Redbud
- e. Black Spruce

2. e, a, f, b, d, g, and c

1. Yarrow or Milfoil (Achillea millefolium)