

Deen Claims Aid of Science Necessary To Protect Deer

Science must intervene if the deer population of Pennsylvania is to be kept from virtual starvation during the winter months, or from becoming weak and puny creatures, hardly worth the huntsman's efforts.

That is the conclusion of Dr. J. L. Deen, associate professor of silviculture, who has completed two years of a study of deer and their food requirements during the winter months.

Dr. Deen believes that while deer are hardly faced with extinction because of the paucity of the winter food supply in the state's forests, corrective measures must be taken immediately if the deer population is to be kept at its present level.

When Dr. Deen completes a study which he is carrying on in the forests of Centre and Huntingdon counties, he will have available a record of both the grazing habits of deer, and ways which they can be fed naturally during January, February, and March, the critical time of year.

Every year woodsmen report that many deer are found dead of starvation in early winter and late spring.

Dr. Deen's study may have the effect of halting this condition.

Although there have been many casual observations as to the types of food used by deer in the winter months, nothing definite has been written on the subject, Dr. Deen declares. His first problem has been to establish the types of food preferred by deer during the coldest winter months and then, with the aid of Dr. William C. Bramble, assistant professor of forestry, to ascertain its ecological phases—that is to discover where the food grows and the best possible uses to which it can be put.

The foresters have established 150 sample plots of browsing areas in the Barrens, which are several thousands of acres of dense underbrush a few miles from the College and in the Logan State Forest in the Seven Mountains. By fall the number of plots will be over 200.

Observers visit the plots every two weeks and record all browsing which has taken place in the areas. Further to check the experiment, Dr. Deen goes to the plots in the early morning and late in the evening to watch the deer through a high-powered telescope and night glasses.

Through personal observation, Dr. Deen has discovered several grazing habits of deer not generally known. "In the spring, deer nip off the small flower and tree buds without touching the shoots," he said. "If it were not for personal investigation, one would be led to believe that these buds dropped or were brushed off the trees and bushes."

"In the winter when other food is scarce deer have been known to paw up and eat the roots of the common pasture thistle. They also eat cat-brier or green-brier, but that is only in times of dire necessity."

Tree cutting experiments in Stone Valley, which have as their object the provision of more shoots for winter food, have been inaugurated by the College in cooperation with the Resettlement Administration.

The experimentation with deer food inaugurated by Dr. Deen is in line with the state department of forests and waters' program of multiple use of the forests—for recreation, watershed preservation, and hunting.

New Dormitory Name Honors General Irvin

Summer Session students will note that what was last year known as "Varsity Hall" is now identified by the name of "Irvin Hall."

The Board of Trustees, approving a recommendation of the sub-committee on the naming of roads and buildings, decided to make the change in the name of the dormitory to honor General James Irvin, who took a leading part in locating the College in Centre County more than 75 years ago by donating a 200-acre tract of land on which the first College buildings were erected.

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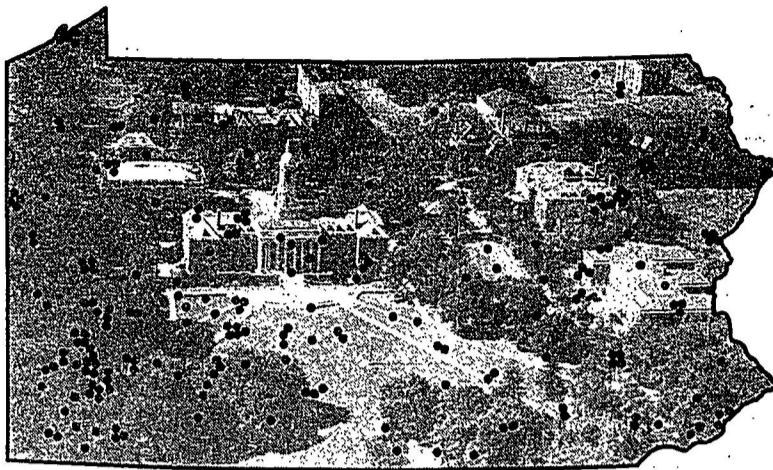
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Penn State's 223 Extension Centers



During the past few years, Penn State has organized 223 extension centers throughout the State. Each dot on the above map signifies one center, but does not represent the number of communities which are reached by the College's work. It has been estimated that an average of 1,000 students takes work in the centers.

Marine Dining Hall Lacks Only Sea Breezes

Penn State may be many miles from the sea, but henceforth that will not prevent nautically minded students from dining in a marine atmosphere, lacking in nothing except a fresh sea breeze. Even this may be imagined in the new Marine room of the Colonial Club.

The transformation is the result of mural paintings made by D. Henry Porterfield '24 in the dining room of the Colonial Club. Porterfield, after his graduation here, spent several years teaching in China and one year teaching at the Grant Central School of Art in New York City.

For the past four years he has designed the scenery for the Penn State Theatopian productions. Recently he has given his attention to mural decoration and at present, in collaboration with Frederick C. Gray, a New York decorator, is painting a thirty-foot panel for a Phillipsburg church.

As one descends into the Marine Room, he finds himself on the bow of a steamer, looking up at the superstructure with its red and green running lights, cabin doors, and port holes. Over the starboard railing, Chinese junkies can be seen; to port, the stack of a tugboat rises above the railing.

Porterfield has also added a touch of local color. Upon turning to look out over the bow, one sees a modernistic representation of the Penn State campus rising from an island. Overlooking, from the clouds above, is the Nittany Lion.

Division of Speech Makes Record Of Voice

Students enrolled in the All-State High School Speech group will have the unique experience of hearing their voice played from a phonograph record. The plan of the course is to record the students' speech. The two are compared to show the improvement made and to give instructors a record from which they can make a study of the individual's defect.

The group here, composed of fourteen students, is one of two in the country, according to Prof. Joseph F. O'Brien, director of the group. The other is located at the University of Iowa. Students registered this year are from Charlevoix, Franklin, Johnson, Mars, Masontown, Pott's Grove, State College, Susquehanna, Tamaqua, and Waynesburg.

The group will debate the national high school question for next year—"Resolved: that the several states should adopt the unicameral legislative system."

Contests will be held in extemporaneous and after dinner speaking. On August 5 a banquet will be held for the group at which members of the staff will act as judges and the College will give appropriate awards. The group is organized with a president, vice-president, secretary, and treasurer.

Dengler Speaks

Dr. Robert E. Dengler, of the classical languages, spoke before the State College Rotary Club at its regular weekly meeting at Centre Hills Country Club Tuesday night.

Pond Lab. Workers Discover Facts About Sex Hormones

From the concentration, crystallization, and investigation of 40,000 gallons of urine, Prof. Russell E. Marker, chemistry, and his assistants working in Pond laboratory have made another discovery concerning the nature of those mysterious and interesting chemical compounds that cause us to act as we do, the sex hormones.

The new theory advanced by Professor Marker is that the reactions of the hormones are purely chemical rather than physical, as was previously believed. This is to say that the hormone acts as an ordinary chemical compound, being reduced in the process of use into the various chemical by-products that go to make it up, much as the food we eat.

Previous belief had it that the hormone functioned as a catalyst, a chemical which causes and speeds the reaction and production of other chemical combinations and compounds.

Psych Experiment Shows Up Late 8 O'clockers

Never call a co-ed a slacker. The men students are the ones who arrive latest for their 8 o'clocks. A class in experimental psychology with operators stationed at the doors of Main Engineering and N. L. A. have found that generally the co-eds excel in promptness.

With graphs and charts to prove their point, the experimenters discovered that because the walk from downtown to N. L. A. is longer than to Main Engineering, this accounts for the fact that the former building has more late arrivals than the latter. Most tardy students arrive within a two-minute period with many walking in four minutes late.

The 12 to 16-minute interval has an increase in the number late. As Main Engineering has more coming in this time, it is probably caused by desire for dramatic effect in entering the labs.

The class that conducted this experiment for practice, decided from its results that co-eds promptness is effected by dull, cloudy days and week-ends. On these days the percentage of their lateness increases. One reason given for their superiority in promptness is that women are considered by some to be more serious in regard to class work and attendance.

There is a spark of hope, however, for the male student. The psychology students encourage him with the information that most of the women live on campus and, thus, the buildings are nearer to their dormitories.

Nose Protector



William Fischman, life guard in the Long Island Rockaways, tries out a new device intended to protect the swimmer's nose, sinus passages, and ear air spaces, which physicians say are endangered by too much bathing. A small, rubberized, U-shaped clip, attached to a narrow elastic band which loops behind the ears, clamps the nostrils shut, closing off the inflow of water.

CINEMANIA

Joe E. Brown blows into town tomorrow and stops for a day at the Cathaum. He doesn't have his baseball uniform anymore. He hocked it for his pilot's license and will be "Riding on Air." It wasn't exactly Joe's idea, but David L. Loew found him to be a successor for the star in the comedy of the air. Joe is supported in the cast by Guy Kibbee, Florence Rice, and Vinton Haworth. The scenario for the picture is taken from the Elmer Lane stories in the Saturday Evening Post and was written by Richard Macaulay.

"The Singing Marine" will be on the screen—that's on Monday and Tuesday of next week at the Cathaum. The picture is a yarn about a "leather neck" from the San Diego barracks, possessed with plenty of good looks and a splendid voice. He is sent to New York by his company-mates to have a try at the amateur hour contest conducted by the famous "Major Rows."

Dick leaps to fame and starts pulling an enormous salary but feminine hero worship and his salary turn his head. He forgets his San Diego waitress as well as his company-mates. But his leave of absence ends and he returns to the Marine company where a chance to perform a heroic feat wins back the affection of the waitress, Doris, and the regard of his fellow-marines.

Included in the cast are Hugh Herbert, Allen Jenkins, Larry Adler, the harmonica champion, Lee Dixon, eccentric dancer, and Veda Ann Borg. Wednesday's "The Great Gambini" with Akim Tamiroff, Marian Marsh, and John Trent is scheduled for the Cathaum.

Ann Randall meets her rejected suitor, Grant Naylor, at the swank Transatlantic Club in New York. She is engaged to Stephen Danby and when she refuses to listen to the pleas of Naylor to break the engagement, he threatens to kill Danby. Danby is found murdered the next morning. Clues lead the finger of suspicion to point to a number of people.

Through Mrs. Randall's failure to replace the telephone receiver on the hook, the confession of the murderer is secretly obtained. Then follows the attempt to seize the man who realizes his chances of escape are slim and gives himself up to the detectives.

"Slave Ship" sails into port Thursday and Friday, presenting two great stars, Warner Baxter and Wallace Beery, in the cinema of William Faulkner's story. Mutiny on board the vessel provides the excitement, making a honeymoon of horror for Warner Baxter and Elizabeth Allan. Plying the calmest sea in the world, the three-masted schooner, "Albatross," bucks and rolls and pitches as though she were riding the stormiest ocean. It's mutiny that rocks the ship and Warner Baxter finds the vessel ablaze with trouble while Wal-

lace Beery leads the crew of the last slaver on its last voyage.

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