

PENN STATE COLLEGIAN

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OUT OF A CLEAR SKY

For two weeks Penn State's football fortunes were shrouded in deep mystery. Unexpectedly, while student enthusiasts were groping about in an effort to solve the dilemma, the football gods produced the answer.

Presumably the stage is set for a Lion killing when the Bezdek-trained gridmen clash with "Chick" Meehan's colorful N Y U eleven in the Yankee Stadium tomorrow afternoon.

THE SWIMMING POOL

To every Penn State undergraduate it is gratifying to learn that the long-dreamed-of swimming pool will become a reality as soon as the 1932 alumni raise the required sum of money.

The need of a swimming pool cannot be denied. A sense of College pride, if nothing else, should carry the campaign on to a successful close.

With the undergraduates earnestly desiring a pool, with the alumni working for it, and with the backing of the College officials, the COLLEGIAN feels that there is no great bar to a real swimming pool being completed at Penn State within the next two years.

FRATERNITIES AND CUSTOMS

The torn-up condition of the campus has been cited as the only reason for the apparent decline in customs this fall. It is true that last fall, when the exodus from Old Main was begun, pandemonium reigned supreme for a month or two.

Again the fraternities are brought into the discussion, but this time it is with the hope that they will offer their whole-hearted assistance in straightening out the situation.

Fraternities sometimes look upon Student Tribunal as a league of non-fraternity and football men whose sole aim is to punish fraternity freshmen for slight offenses.

THE LION'S DEN

BY DANIEL

The stage was set. It was definitely decided that we would leave for New York at an early hour this morning. But, as luck would have it, we tumbugged through a pile of college and university newspapers that had accumulated on our desk.

The first newspaper, unfortunately, was the Yale News. And the first story that attracted our eye was one in which President James R. Angell condemned "week-ending" by Yale undergraduates.

We were thoroughly disgusted. Nevertheless, we read on.

"The men who systematically withdraw from New Haven each week-end are not only depriving themselves of the opportunity to make valuable friendships on the campus," he was quoted as saying, "but they are subjecting themselves to fatigue and excitement which bring them back jaded and unfit to do their college work on Monday."

Our first move was in the direction of the telephone. We had decided to give up our opportunity to drive to New York for the big game.

President Henry N. McCracken of Vassar college, the goal of many Yale men each week-end, had also read President Angell's statement.

"I cannot conceive of such trips being as harmful as they are depicted by Dr. Angell."

And so, jaded and unfit though we may be Monday morning, we're going to New York today.

But, in justice to Dr. Angell, we must report that Vassar women are only permitted one week-end "free" each month.

Regardless, this business of "week-ending" is not a problem here as it is in other colleges and universities.

Because, after all, Philadelphia and New York aren't just around the corner.

Now our next worry is the week-end of the Pennsylvania game. Because, according to three persons atop a hill overlooking the little town of Massfield, Saskatchewan, November 6, three days prior to the Penn encounter, will be the end of the world.

All that we can say is that if the three persons are Penn State graduates, they are unloyal to the cause.

At its best this ballyhoo concerning the overemphasis of college football is a lot of bunk.

In Central Europe, for instance, the winning of international football contests has become second in importance to that of winning military setaps.

Withal, tomorrow's scrap with N Y U should settle, once and for all, the effectiveness of the Piusian March.

Which, no doubt, will be among the Blue Band numbers. Should the Blue Band fail to break it up into musical bits, the Nittany Lions may tear it into unrecognizable shreds.

Unless, of course, the March should encounter blue notes!

Letter Box

All "Letters to the Editor" must bear the signature and address of the writer. If desired a non-identifiable signature is assumed by the editor for sentiments expressed in this column.

Editor, Penn State COLLEGIAN, Dept. 511

You undoubtedly witnessed Saturday's game against Marshall. The game was great but the booring of the freshmen was not what one expects when he goes to see a game.

After giving this question considerable thought, I personally believe the should come to an end once and for all. This will help a great deal toward Penn State Spirit and will also encourage the future upperclassmen to make themselves feel a part of good old Penn State.

A freshman does not mind being booed at times but when he is booed at a football game before thousands of out-of-town people, his Dad or relatives, I can safely say he does not feel very well. This is also discouraging to the College.

Hoping that the contents of my letter will help to preserve Penn State Spirit, I remain

A SOPHOMORE (Signed) J. K.

'Barrens' Produce Geological Prize In 'Fish-Egg Rock'

Prof. Chesleigh A. Bonne, head of the department of geology, in reply to a request of the Service Cut Stone Contractors' association of Chicago for a sample of the most unique stone found in this section of the state, sent a piece of "Oolite," a rare stone found in the "Barrens" north of the campus.

This rock, sometimes called "fish-egg rock" because of its appearance, is not found in abundant quantities. "But for this fact," states Professor Bonne, "it would make an ideal building stone." It is quite a popular specimen for the amateur geologists collection in that it is prevalent in so few districts, and then only in minute quantities.

"Oolite" occurs in the Mines Formation of the Upper Cambrian Age which is composed of two hundred feet of dark magnesium limestone. The bed was formed by the deposition of many small rounded concretions of calcium carbonate, which were replaced by the carbonates of silica. The concretionary structure was preserved during this forming process, giving the rock the appearance of a nest of minute eggs.

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Penn State Man Aids Aviators in Conquering Fogs

Fog, the greatest menace to the lives of aviators and their passengers, has been conquered at last, and the inventive genius of a former Penn State student was a leading and essential factor in the victory.

This was publicly demonstrated recently when Lieutenant James H. Doolittle, member of the 26th National Guard Division Aero Squadron, made a complete "blind flight" at Mitchell Field, New York. The most essential of the four newly devised aeronautical instruments which made the achievement possible was a visual turned reed direction indicator responsive to radio signals, the invention of Francis W. Dunmore '15, who is now working in the research laboratory of the United States Bureau of Standards, at Washington, D. C.

On a selected spot on Mitchell Field a new short range radio beacon, which projects beams fifteen to twenty miles in two different directions, had been erected. It is twelve feet high, cost about \$2000 and is a development of the long range radio beacon already installed at the airport.

This beacon, working in conjunction with the tuned reed indicator, invented by Mr. Dunmore, is the most important part of the equipment for blind flying, since it leads the pilot to the field and to the point where it is safe for him to land.

Signals from this radio beacon told Doolittle when he was following the path of its beams. The signals were received by the pilot on a visual indicator mounted on the dashboard of his plane rather than by earphones. This is the device invented by Mr. Dunmore and the essential features of it are two vibrating steel reeds, the tips of which are white with a black background.

It is only necessary for the pilot to watch the two white lines produced by the vibrating reed to tell whether or not he is deviating from his course. So long as they remain of equal length, he can rest assured that he is on the correct course.

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702 AG STUDENTS ENROLL FOR YEAR

Forestry School Attracts Largest Number—102 Students Enroll For Dairy Husbandry

Enrolling 702 students in agricultural courses, Penn State again ranks among the leading land-grant institutions of the country in this field of education, College officials announce.

Forestry has attracted the largest number of students this year, 119 being enrolled in the four-year course and twenty-four in the two-year course. This branch of the School of Agriculture has fifty-four freshmen and twenty-nine sophomores, the largest numbers in these two classes, and nineteen juniors and seventeen seniors, the second largest enrollment among the departments in these classes. Eighteen are enrolled in the first-year work of the two-year forestry course and six are completing the work.

With 102 students, dairy husbandry ranks second. This department leads in the number of seniors with twenty-one and also has the largest group of juniors, twenty-eight. It is second only to forestry in the number of sophomores, twenty-six being enrolled, and is third in freshmen with twenty-seven.

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WOMEN'S COLLEGE INCLUDES AERONAUTICS IN CURRICULUM

Interest in aviation has grown to such an extent in American schools that courses in the subject are included in the curriculum of women's colleges throughout the country.

It remains to Barnard college for women, however, to add to the courses of study, specialized subjects in aviation for women fliers. When the fall term opened students at this New York school were allowed to take up the study of navigation applied to flying.

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Matinee daily at 1:30 except on Saturday during football season. Last complete afternoon showing starts at 3:00.

FRIDAY—

Charles Farrell, Mary Duncan in "THE RIVER" Part-Talking Drama.

SATURDAY—

Lee Tracy, Mae Clark, Stepan Fetsch in "BIG TIME" All-Talking Comedy Drama

MONDAY AND TUESDAY—

Matinee Daily Victor McLaglen, Edmund Lowe in "THE COCK-EYED WORLD" All-Talking, Singing, Laughing Riot!

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