

Penn State Collegian

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News Editor this Issue: E. M. Jameson

TUESDAY, OCTOBER 10, 1922.

BUSINESS IS PICKING UP

Last Saturday night proved that the Student Tribunal is fully aware of the important trust imposed upon it and that it is determined to perform its duties to the best of its ability. The men on the tribunal are to be commended for the zeal with which they are carrying on their work.

Seven freshmen were punished for violations of customs. Two of these were seen to talk with girls and another has been too forward in his behavior. The remaining four were found in the vicinity of Co-op while the barbering was going on. All cases were flagrant misdemeanors of the frosh code and have been punished in the proper manner. This should impress the members of the freshman class with the necessity for obeying the "letter of the law" and with the seriousness of evading these regulations.

Three of the cases were clear cases of disobedience with sufficient evidence to warrant the punishment meted out. The other four cases were concerned with the unwritten law that no freshman is to be in the vicinity of that place where a classmate is being punished. Surely there is not a "wearer of the dink" who is not acquainted with this regulation before the first week of school ends. The freshmen who were given haircuts Saturday night for disobeying this regulation knew of this and they deserved their sentence carried out. This tribunal and the sophomores on the "cutting committee" acted within their rights and performed their duty as they should. There is probably not a man of the three upper classes who is a firm believer in the value of, and who is anxious to uphold the traditions of the college providing they are up-to-date and beneficial, who will not approve of this action.

Up to the present time, the tribunal has had a very successful start on what promises to be a good year for Penn State customs. All that is doubtful is the support which the student body will give to this body of men. In the past years, there has been a tendency to show indifference to the enforcement of customs and this has weakened the power of the tribunal. But this year, conditions have changed for the better and the students are taking an active interest in this side of college life. If each individual upperclassman will but continue to keep a watchful eye on the behavior of the yearlings and report any infraction of customs to the student tribunal, this phase of campus life will be healthier and a credit to the institution.

MUD

The rain over the last week-end and the football game on Saturday combined to show the college wherein an improvement is needed. Cannot a cinder path be placed on New Beaver Field leading over to the new stands and which will not interfere with the plans for any of the playing fields?

During the past year, the Athletic Association has been busy in changing the arrangement of the fields with the result that a better diamond has been made for the baseball team, new bleachers and stands have been erected for the football and baseball fields, the entire plot has been regraded and in some places sodded, and a general improvement made in all respects except the walking conditions. A soccer field for the varsity team has been laid out, and a practice gridiron set out. Surely the Association has accomplished much in a short period of time.

The improvement suggested here would not entail great expense and it could probably be made without encroaching upon the limits of any of the fields. The conditions last week certainly call for action if it be possible to do something.

For the rest of the season inclement weather is to be expected. It is decidedly unpleasant to walk in the yellow mud found on New Beaver Field after a rain. Students, faculty, and visitors must pick their way through a stretch of this mud in order to reach the bleachers or the new stands from the Allen Street campus road. A cinder path might be laid out about one hundred feet north of the present entrance and directed straight to the new stands. Thus, it would not cut in on the baseball diamond. As to the soccer field, the limits do not reach up to the baseball diamond and there is apparently a narrow strip of land unused. Why not place the cinder path between these fields? The sport followers would be thankful for such a change.

A REAL TEAM

It is pleasure to the Penn State student body to see the 1923 football team in action. The clean sportsmanship, the harmony between the coaching staff and the squad, and the co-operation among the individual players is responsible for the admiration and regard felt on the campus for the gridiron warriors. Such an attitude insures an enjoyable season.

It is a pleasure to the Penn State student body to see the 1923 football Nittany eleven in the games that are to follow. Success is an erratic element in this sport that is kindred to fate. An injury or some happening in the early part of the season is apt to upset the sport for the remainder of the season. But it is within the power of any one acquainted with the true Penn State to predict an enjoyable season when such spirit characterizes the work of the athletes. No wonder Coach Bezdek is seen wearing a smile these days.

Education

A VISION OF THE PENNSYLVANIA STATE UNIVERSITY

Most state colleges in the west and south of Pennsylvania have a state university. The Pennsylvania State College, however, is in all but name a state university, and it is hoped that the present movement toward an expansion of its facilities may result in its transformation into the Pennsylvania State University.

The Pennsylvania State College dates back to the famous High School chartered in 1855 and the Land-Grant College Act of 1862. In 1879, classes in a course of study leading only to the occupation of farming were begun, and from that time to the present, supported by the appropriations made by Federal and State acts the college has expanded until now it comprises not only a school of Agriculture, but also schools of Engineering, Liberal Arts, Mines, and Natural Science, as well as Departments of Home Economics, Military Science, and Athletics, and Physical Education.

During the past year nearly 20,000 students have been given instruction by the college. In non-resident teacher training classes, extension and correspondence courses, 14,301 students were enrolled; in non-degree conferring courses such as short courses in agriculture and summer sessions for teachers, 2,900 others were taught; and the regular term time-enrollment of the college was 3,901.

The development of the college into a university will mean something more than the changing of the name. The first step in that development is the raising of a fund of \$2,000,000 with which to provide welfare and other buildings for the college. This, with further steps to be taken later, will provide for an eventual enrollment of 10,000 boys and girls in the regular courses and an increase in the work done among the other groups. Each year, for the past few years, it has been necessary for the college to turn away practically a thousand students desiring to enter the freshman class. If the future university is to be of as great assistance to the state as it ought to be, its capacity will have to be increased proportionately to the increasing demands upon it.

What that expansion into a university will mean to the state of Pennsylvania is best to be judged by consideration of what Pennsylvania State College has already meant to the state and what some of the great state universities have meant in their own districts. It is not easy to measure how much has been done for the farmers, for the industrial class and for the mining interests of the state, by the researches carried on in the laboratories of the college.

HUNDRED-FOLD RETURNS

Who can say what widespread disease among potatoes has been prevented by the plant pathologists in the laboratories and the college agents who have carried information and practical assistance to the farm managers of the state? President David Kinley, of the University of Illinois, recently said that that University "has, in one department alone, been conducting a set of experiments for fourteen years in a certain industry, which, when equally successful on a commercial plan will pay back through that single industry in the state of Illinois more than the university will get in appropriations in a hundred years".

Penn State can say as much. The results of the experiments conducted by the Institute of Animal Nutrition, through the means of the respiration calorimeter designed by a Penn State professor, would alone pay the farmers of this country enough to set up a state university with the facilities that this state should have. But there is an almost inexhaustible series of other problems that the agricultural laboratories of a university are asked to solve.

For instance, the School of Agriculture at the State College would like to be able to tell the farmer what to do about root and collar rot. It would like to tell him whether or not milk products will act as a substitute for meat scraps in feeding poultry, and it would like to tell him what can be done toward the conservation of soil for future generations. But up to the present, either because of a lack of time or available funds, these problems have not been worked to completion.

Expand Research Field

And so with the Engineering School. Much has been done at the college in the perfection of safety devices for railroads, and at the present time experiments in railroad refrigeration are being carried on. Through the assistance of a hot meter, tests are now being conducted on the transmission of heat through various building materials, and it is easy to see how valuable may be the completion of this problem.

But here, too, there is an almost infinite fund of problems to be worked. In all of the schools and departments of the college, only the surface of the great pieces of research has been scratched. An expansion of the college into a university will mean a proportional expansion of the facilities for carrying on much needed research.

These problems are not merely academic or theoretical. The farmer and the manufacturer, the miner and the banker, the housewife and the teacher, are waiting for the answers to many of the questions that are now in the process of being answered. As soon as the results are determined, the information will be made immediately available for them through the extension work done by the college. The Pennsylvania State College is the college of the people and so will the university be. It is fair for any group to ask to have a piece of research carried on, provided that the result of that work will benefit

Campus Gossip

How vain are the juniors! "Can this be me?" they ask when shown their La Vie photographs.

"Penn State Poultry Introduced into Egypt", we read. Wouldn't mind meeting some nice Egyptian people ourselves.

What is Russia's annual whiskey crop? We'll find out tonight at the lecture in the Auditorium.

Another social event—joint class meeting of men and women sophomores last night.

"Hello, freshman. You're a friend o' mine". They sing it but they don't say it.

When we run out of funny material we're going to publish some freshman themes.

"Prominent among our buildings is the Bull Pen where the college livestock is kept", writes one frosh.

"But, best of all, I like military drill" is the confession of another innocent.

Life's Little Problems
Why do the poor pride wearily walk while janitors joyfully spin schoolward?

The sophomore co-eds having participated 100% are now exempt from all remarks in this column.

We'll murder the first guy we see not slouting "Froxy".

It's a grand and glorious feeling when the prof calls on you and you make a perfect recitation.

But ain't it the truth that you've never been prepared when he calls and always ready when not requested to recite?

When we were kids we hoped that the schoolhouse would burn down. We are still kids.

Unofficial Returns
When the COLLEGIAN went to press, the vote on the question, "Is an egg dumb?" stood as follows:
Yes.....2351 Students
No.....769 Dumb Aes

We don't believe in quizzes. Yes, we've had our first one.

Seriously, we believe that a professor should know our ability without asking us embarrassing questions.

A quiz makes work for the professor and we know that it makes us sit up nights.

We suggest that football be transferred to spring and baseball to fall if

MINING SCHOOL SEEKING ANTHRACITE SUBSTITUTE
Modification of Bituminous Coal May Solve Nation's Fuel Problem

It is hoped that important improvements will be made in the methods of modifying and improving the lower grades of Pennsylvania bituminous coal for more general domestic use, as a result of work being carried on by the School of Mines at Penn State. According to information given out at the college yesterday by Dr. D. F. McFarland of the Department of Metallurgy, it is expected that not only will it be possible to make a satisfactory domestic substitute for anthracite coal but also to conserve by-products such as motor fuel, wood-preservative, road materials, fertilizer and other portions of coal which now go up the chimney.

The coal strike and the attending possibilities of coal shortage with high prices for domestic fuel have revived interest in experiments looking toward a better utilization of our poorer grades of bituminous coal. It is a well known fact that most house-heating furnaces waste much of the potential heating value of bituminous coal burned in them by the loss of volatile gases and carry materials up the flue, these volatile products which are of great heating value being distilled off and lost before it is possible to burn them. Not only is the heat lost but the soot and smoke produced are a great domestic nuisance.

It has long been the dream of fuel experts to modify coal of this type so that they will burn with a smokeless flame, giving off their heat in the furnace and allowing all of it to be used. Experiments are being carried on in the Department of Metallurgy of the Pennsylvania State College School of Mines, looking toward the development of such a process. Preliminary experiments have been so promising that a specially trained investigator has been secured to devote a large portion of his time to the work.

F. G. Straub, chosen for the work, has spent two years in the study of fuel technology, under Professor S. W. Parr, of the University of Illinois. Before coming to Penn State, he did special coking research with one of the largest builders of coke ovens.

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Ray D. Gilliland Druggist

NITTANY HARRIERS HOLD FIRST TRIALS

Annual Interclass Scrap Scheduled for Next Saturday—Merchants' Meet Planned

In spite of the fact that conditions for cross country running were miserable, about forty students turned out to compete in trials for varsity and freshman squads. The first fifteen candidates to finish in the races were chosen to constitute each squad. The regular fall interclass cross country meet is scheduled for next Saturday, October fourteenth, while the annual frosh-soph scrap comes the following Saturday. Arrangements are also being made for a "Merchants' Meet" to be staged probably during November as well as for a fall track meet for all classes, October twenty-eighth, and for a freshman-sophomore fall track meet, November twenty-fourth.

Interclass Scrap Saturday
Of the forty candidates participating in Saturday's trials, "Bill" Martin has chosen thirty-five for the varsity squad and fifteen for the varsity, and will work with this group until it is cut, just before the first meet, when the seven men constituting each team will be chosen from each squad. The cross country schedule as it now stands includes the following contests: October fourteenth, annual interclass scrap; October twenty-first, Pennsylvania Day; Carnegie Tech at State College, and annual frosh-soph scrap; October twenty-eighth, first interclass fall track meet; November fourth, Penn State at Syracuse; November twenty-fourth, first freshman-sophomore fall track meet; November twenty-seventh, Penn State varsity and freshman teams at New York Intercollegiate; Interclass and freshman-sophomore contests will begin at one-thirty on the afternoons scheduled, the start being made in front of the grandstand on New Beaver field, the course to be around the golf links and back to the grandstand. All freshmen and sophomores taking cross country for gym must enter these contests in order to receive credit for physical education.

Merchants' Meet
T. S. Goyne '24, cross country manager and S. C. Enck '24, Captain of the varsity cross country team, are planning to revive the "Merchants' Meet", a handicap cross country meet in which all students are eligible to enter, prizes to be awarded by merchants of the town. The plans presented by Goyne and Enck have been approved by Coach Martin, and several business men of the town have already signified their intention of offering prizes to the winners of the various events. It is probable that the contest will be staged next month some time, and further details concerning the meet will be published when they have been made known.

EXTENSION WORKERS PLAN TO BUY SIRE
All the Extension workers and County Agents of the Agricultural School have contributed to a fund which has been turned over to Professor A. A. Borland, head of the Dairy Husbandry Department as a nucleus of the amount required to purchase a purebred sire of one of the major breeds of Dairy cattle.

Each extension worker paid a dollar for every year he has been in Penn State's service, with a minimum of five dollars. The fund now totals about six hundred dollars. The money was pledged at an extension conference held on August 25, at the time of the Potato Growers' Ground Breaking Ceremony for the hospital.

The County Agents present at this meeting also discussed the possibilities of getting breeders in their respective counties interested in presenting cattle to the college to replace those that were lost through tuberculosis several years ago.

Doughnuts
Like mother used to make.

CHOCOLATE ECLAIRS
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**To the Faculty of State College
To the Students of State College
To the Townspeople
and
To the State College Water Co.**

Rumors have been afloat the school would close on account of shortage of water. Saturday's and Sunday's rain have not done much towards replenishing the supply. We address this to you that you may have no further fears whatsoever—we have positive information The Storm is coming.

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