

The : Pennsylvania : State : College

EDWIN ERIE SPARKS, Ph.D., LL.D., PRESIDENT

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THE REGISTRAR, State College, Pennsylvania

DR. BAKER RETURNS.

Head of Forestry Department Again Resumes Duties After Long Absence.

After an absence of eighteen months, spent in foreign travel and study, Dr. Hugh P. Baker has returned to take up the work of the second semester. His mission abroad was to ascertain what is being done in various countries in the field of forestry and especially in the work of reforesting waste lands. He spent some time in Prussia looking over the planting up of sandy lands very similar to our sandy barrens and to the land in the region of the Lake States. Six weeks were spent in France, principally in Gascony, where a whole province has been added to the country by the reforestation of sand dunes.

Dr. Baker considered the most interesting region that at Kaist, near Trieste, in Austria, where there is a large area similar to the limestone hills of Pennsylvania. The region was heavily forested in early times, but was cut over when Venice developed her navy, and has been waste land ever since. The Austrian Government is reforesting the area with Austrian Pine, at a very great expense, due to heavy floods and to the hard north winds from the Alps. After the work is completed it is hoped to form an agricultural province of the region.

After visiting four or five of the best forest experiment stations, Dr. Baker is convinced that we need something of the kind in America for the furtherance of experimental work. The most interesting stations were those at Vienna and Zurich, while the ones at Munich and Tubingen were also very instructive. At the conclusion of his work, Dr. Baker studied for three semesters in the University of Munich, where he gained his doctor's degree. The thesis he submitted was a study of our Western prairies, the causes of their treelessness, and the possibilities for the practice of forestry on them.

It is Dr. Baker's belief that any man who has had some practice in this country would profit greatly by a trip through the forests of Europe, especially by a study of examples of reforestation of waste lands and of the work of regulating stream flow and the run off from mountains. The study of intensive methods of forestry would be of comparatively little value. The theoretical principles are the same for this country as for European countries, but the conditions are different. And although our methods may resemble more and more those of Europe, yet the conditions here will probably never be the same. The forests are all very accessible with the exception of a few mountain districts, they have markets for everything, down to the very needles of the trees; and labor is cheap. Two of the most important elements of the study of forestry in Germany are the unexcelled equipment for research purposes and the splendid museums. These factors are considered very important in the work and Dr. Baker predicts the need of similar institutions in our own country in the immediate future.

We are very glad to welcome

back Dr. Baker after his absence, and we are certain that his energies will be directed more than ever toward the work of building for us a strong, capable Forestry department.

Sophomores Defeat B. Y. M. C. A.

On Friday night January 6 the 1913 class basketball team defeated the Bellefonte Y. M. C. A. team at Bellefonte by a score of 28 to 15. The game was exciting from beginning to end and was witnessed by a large crowd. Every man on the sophomore team played a good game although Maybee, Rogers and Posey carried off the scoring honors. Bellefonte secured 9 of their 15 points from fouls, securing only three field goals.

Weston, the Bellefonte enter, was the star for the Y. M. C. A. He secured 13 out of the 15 points scored by Bellefonte by caging 2 field goals and making 9 points out of a possible thirteen from the foul line.

Between halves "Pop" Golden and F. H. Weston gave a tumbling exhibition which was greatly appreciated by the audience.

The summary of the game is as follows.

Sophomores	Bellefonte
Posey 5	Maljack 2
Rogers 2	Linigie 1
Hartz 1	Weston 13
Vosubrg 1	Keirshin 1
Maybee 1	Walker 1
Field goals Posey 5 Rogers 2, Maybee 5	Linigie 1
Weston 2	Foul goals—Weston 9 out of 13, Rogers 11 out of 14
Times of halves 15 minutes	Referee Schiltz

Sophomores Again Victorious.

The Sophomores were again victorious 27-15, this time the Juniors were the victims. Early in the first half Vosubrg of 1913 fell and wrenched his ankle which necessitated his removal from the game, Karcher taking his place. The game was rough throughout, time had to be called on several occasions to give the men a chance to nurse bruises and get their wind. Rogers again starred for the Sophomores, caging five goals from the floor and five from the foul line.

Field Goals, Rogers 5, Hartz 4, Gotschall 3, Maybee 2, Loveridge 2, James 1. Foul Goals: Rogers 4, Amsby 3. Referee: McIntyre.

Year	Won	Lost	P. C.
1913	3	0	1.000
1914	1	1	.500
1912	1	2	.333
1911	0	2	.000

Mr. G. O. Shields a Good Lecturer.

An interesting lecture was delivered on Saturday evening in the Auditorium by Mr. G. O. Shields, President of the League of American Sportsmen.

The lecture might be called "Hunting with a Camera". He showed many interesting pictures of birds and wild animals with which we are familiar in every day life, but he showed, not only with pictures but by his talk, the good characteristics of our ordinary wild animals. His one strong point dealt with the preservation of birds, and on little water animals, the beaver, the muskrat and the like. The advantages to be gained by man by protecting these little animals can plainly be seen if one makes a study of animal life as has Mr. Shields.

The lecture, which was under the free lecture course, was greatly appreciated by the large audience, if applause and interest may be taken as a means of appreciation.

THE SENIOR COTILLION

Dance Held by the Senior Class Last Saturday Night Was Well Attended and a Pronounced Success.

One of the most commendable enterprises started in recent years is the giving of a series of dances by the Senior class. And it is a source of great gratification to all concerned to know that the first Cotillion of the series, given in McAllister hall on Saturday night, was remarkably successful in every way. The dance was attended by about fifty couples, and many of the prominent ladies of the faculty circle acted as patronesses. McAllister hall was tastefully decorated for the occasion with college and class pennants. The music, furnished by the College Orchestra, was given in excellent manner.

This new custom, for we feel sure that after its successful beginning it will become a permanent custom, is the result of a desire on the part of the senior class to have as a prerogative of the reigning class an event distinctly their own, and one which would be looked forward to by the other classes with pleasurable anticipation. Four dances, given at intervals during the year, will be a pleasant relaxation from study and a means of promoting stronger ties between men who are completing their course. Credit is due the class of 1911 for their enterprise in starting the custom, and to the committee which made possible the success of the first dance of the series.

Satisfaction was expressed, not only by the seniors and their partners but also by the patronesses. Too often the patronesses at the Pennsylvania Day and Commencement dances have a rather monotonous evening, but on Saturday arrangements were made for them to take part in the dancing, and all were pleased at the courtesy shown them. To 1911 we wish success in the dances that are to follow during this season, and to future senior classes, a pleasant continuation of the Senior Cotillion.

Professor Linville's Article.

C. P. Linville has an article in the Dec. 29th, number of the Iron Trade Review on "The Determination of Moisture in the Air-Blast at a Blast Furnace."

This article shows a simple method of installing a psychrometer at Blast Furnace, outlines the method of making observations, and computations necessary; and points out some of the common errors and difficulties in the making of such observations. A chart is also given, which can be used for determining graphically the amount of moisture present, greatly simplifying the work of making the computations. The results obtained by a direct reading from the chart giving grains of water vapor per cubic foot air, measured at standard conditions.

In view of the interest being shown in the general subject of moisture in the air, and its effects upon blast furnace operation, this article should prove of great value to Blast Furnace companies, and superintendents who are investigating the effects of moisture on the working of their furnaces.

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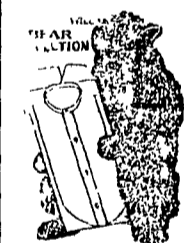
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