

Heilig, '97, and Mason, '97, last spring term, and showed the Upton to be more economical and give a steadier light, with less attention, expense and repair, than any with which it was compared.

The Agricultural Department has recently received a Berthelot Bomb Calorimeter to be used for determining the heats of combustion of feed stuffs, milk, and excreta of the animal. The substance is burned inside a steel bomb in oxygen gas under a pressure of fifteen to twenty atmospheres. The bomb is immersed in waters when combustion takes place and the heat is measured by the increase in temperature of the water.

The embryological models received from Germany some time ago have been placed in a suitable case where they make a very attractive display.

At the Farmers' Institutes in this State this year State College will be represented in the south by Prof. Butz; in the central part by Dr. Frear and Hon. John A. Woodward, who is a member of the Board of Trustees; in the north by Mr. Hess, and in the west by Mr. J. A. Fries and Mr. Gabriel Hiester, who is also a member of the Board of Trustees. The lecturers will be well equipped with circulars, charts, and other materials representing the results of agricultural research and experiment in the courses offered by the College.

It is with great regret that we announce that Prof. H. H. Stoek, of the School of Mines, will leave us at the end of the present session to accept a position on the editorial staff of the *Mines and Metals*, formerly the *Colliery Engineer*. Prof. Stoek has always been well liked by the students, and we will all be sorry to see him leave us.

At the last meeting of the Executive Committee it was decided to have a number of large photographs of the campus and buildings, now in the geology class room, transferred to the FREE LANCE Reading Room.

Prof. Pattee represented the college at the recent meeting of delegates from the colleges of the Middle States and Maryland.

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The 12th of November was a red letter day for the Juniors and in their memories it will probably be treasured, for many years to come, equally with those of much more important events in the world's history. It is the date of the Junior banquet, and right royally was it observed at Williamsport. Thirty members of the