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AL'S SHOP

Penn State Boasts Only Respiration Calorimeter of Its Nature in World

With a reputation of having one of the most important laboratories of animal nutrition in the country...

Research work in the calorimeter has been carried on for twenty-five years and has done much to determine the fundamental principles of the nutrition of domestic animals.

Foreign Models Studied

Although Dr. H. P. Armsby, then director of the experiment station, spent several weeks in visiting the more important centers of calorimetry research in Germany, France and England...

The plans being completed, work of construction began early in 1909 under the direction of Dr. Armsby.

Structure of Apparatus

The respiration calorimeter is contained in a small brick building with double walls and storm sash to prevent changes of temperature as much as possible.

Containing an inner chamber of sheet copper which can be tightly closed, the large box-like compartment is surrounded by two wooden walls.

Objects of Tests

The experiments in the respiration calorimeter aim to determine what proportion of the energy value of the food can be utilized by the animal to produce meat, milk and work.

Complicated and expensive, the experimental apparatus is operated by nine trained men who work in eight-hour shifts of three men each.

Bulletin

- Tuesday, January 12
7:00 p. m.—Basketball game—Varsity vs. Dethanz—Armory
8:15 p. m.—Thespian Club production staff meeting—Auditorium
Thursday, January 11
7:00 p. m.—Freshman trials for class wrestling team—Armory
8:00 p. m.—Second semester registration begins—Armory
Wednesday, January 13
7:00 p. m.—Freshman class meeting—Bull Pen
7:00 p. m.—Junior and sophomore trials for class wrestling teams—Armory.

ART EXHIBIT CREATES FAVORABLE COMMENT

Paintings by Ten Philadelphians Draw Many—Final Showing Here Ends Thursday

That Penn State students are appreciative of fine art is evidenced by the large numbers of daily visitors who are viewing the oil painting exhibit of the "Ten Philadelphia Painters" in the Fine Arts gallery in Old Main.

The exhibit, supplemented by a unique display of original Christmas cards, contains canvasses which have won high honors and favorable comment from the leading art critics in the east.

Especially interesting to the visitors were the portrait paintings, for it was these that brought the most admiration according to Professor A. L. Koehler.

Of the group the three who have a distinct interest in figure painting and portraits are Isabel Cartwright, Theresa Bernstein and Helen McCarty.

Other parts of the New England coast and inland country are painted by Theresa Bernstein, Helen McCarty and Cora Brooks.

interprets the drama of sky forms and weather conditions as seen both in the American and European landscapes.

"Y" DISCUSSION GROUPS BEGIN SECOND QUESTION

(Continued from first page) ard for measurement a very pertinent quotation: "If anyone imagines he is somebody, he is deceiving himself, for he is nobody; let everyone bring his own best work to the test, then he will have something to boast about on his own account, and not in comparison with his fellows, for everyone will have to bear his own load of responsibility."

PLAYERS PLAN SHOWING OF "THE SEVENTH GUEST"

(Continued from first page) Deegan, a comedy officer of the an-

Professor Mason has made arrangements for the showing of "Charley's Aunt" in Canton, Ohio and Towanda, sometime early in the next semester.

WIDER SCOPE NEEDED FOR Y. M. C. A. CABIN

(Continued from first page) bers of the faculty and student leaders relative to praise of the entire building proposition follow.

"Penn State, with its increasing numbers, needs more opportunities

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for intimacy among the various members of its numerous organizations.

The Andy Lytle cabin will prove an excellent means to that end—a real contribution to genuine spirit.

"In the seven years I have been at Penn State, I have lamented the falling off of student interest in the mountains and outdoor life.

"The cabin will afford one of the best opportunities for Penn State students to really know each other through life and the associations with one another a lasting inspiration."

"I like the idea of the Lytle cabin because it will give many men here an experience in that away-from-the-world comradeship which no town acquaintance can replace."

"Penn State is fortunate in its location in the beautiful Nittany Valley between such glorious mountains.

"The Andy Lytle cabin is an excellent proposition. It should receive the support of all students, since every one, if he cares to, may make use of it, and derive some benefit from it during his career at Penn State."

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LION TOSSERS ENGAGE BETHANY HERE TONIGHT

(Continued from first page) shots, marks him as a valuable offensive player.

VonNedda's work is practically faultless, and with Saylor forms a combination at guard that should add considerable worry to Nittany foes.

Roepke performed in creditable style when he substituted for Saylor in Saturday's practice tilt.

"The Andy Lytle cabin is an excellent proposition. It should receive the support of all students, since every one, if he cares to, may make use of it, and derive some benefit from it during his career at Penn State."

Albert Deal & Son Heating AND Plumbing 117 Frazier Street

ney, this offered the light-haired football star an opportunity to display his skill.

No steps have as yet been taken to elect a captain and it is probable that the Penn State five will continue without a leader until sometime before the next game.



Broadcast a letter to the old crowd

HERE'S a new idea, and a real one, for keeping in touch with college chums or scattered members of your family.

The years pass swiftly—and it's so easy to lose track of old friends. Let Corona help you revive the memories of long ago.

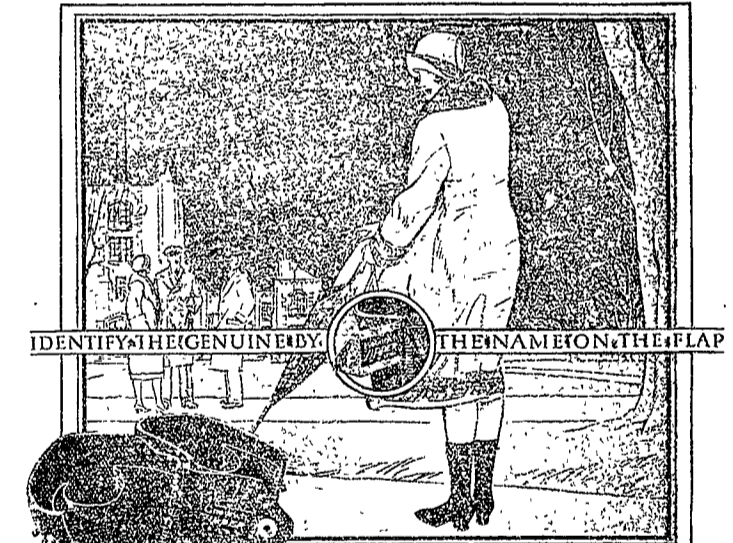
The New Corona, with four-row keyboard, costs only \$60 cash. It may be purchased or rented on easy monthly terms. Call or phone for a demonstration.

CORONA STANDARD KEYBOARD THE MUSIC ROOM Agency for CENTRE COUNTY

SEE THE NEW BOSTONIANS Now being shown AT THE COLLEGE BOOT SHOP (Formerly 20th Century Shoe Co.) A. C. LONGEE, Prop. 125 ALLEN ST. GREGORY BUILDING

50 Students Wanted to board at State College Hotel at special rates \$7.00 PER WEEK INCLUDING SPECIAL SUNDAY DINNER MUSIC DURING DINNER AND SUPPER

PRE-INVENTORY SALE Will continue for the balance of the week with plenty of good "buys" for every one. There is still a choice selection of suits of the latest models, well tailored from fine fabrics. 15 per ct. to 33 1-3 REDUCTIONS French and Domestic Flannel Shirts reduced 25 per ct. One lot of Flannel Shirts, special at \$1.00 JAMES BLOOM "Clothing to the College Man"



Smart Style at Harvard The Vogue at Wellesley GOOD TASTE is a part of every curriculum. It expresses itself at the foremost colleges in the selection of Goodrich Zippers for cold, snowy, slushy days. Here boots are as fashionable as a victory over a traditional rival. Trim, neat—a wide contrast to the cumbersome, wallowing gaiter. And a method of fastening unequalled. Don't flunk in style—add Zippers to your wardrobe. THE B. F. GOODRICH RUBBER COMPANY AKRON, OHIO Goodrich ZIPPERS

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"Ay, take the cash and let the credit go, Nor heed the rumble of a distant drum" —OMAR KHAYYAM We ask your support not on vague elaborate promises to be fulfilled some time in the future, but on the reputation of a house established in 1922, and maintained at a consistent high level of service to State College since. The Fenway