

Bulletin

Tuesday, October 31
7:00 p. m.—Chester County Club in Room 315 Old Main
7:00 p. m.—Pottstown Club in Room 314 Old Main
7:30 p. m.—Mass Meeting in Auditorium
Wednesday, November 1
7:00 p. m.—Memorial Society in Room 25, Liberal Arts Building.
Thursday, November 2
7:00 p. m.—American Association of University Professors in Room 102, Engineering A.

Notices

There will be a special meeting of the Penn State Memorial Society on Wednesday evening, November 1st, at 7:30 o'clock in Room 25 Liberal Arts.

New Books on the Library Shelves

- Clayton.—Margarine
Drake.—America faces the future
Merrill.—The American party system
Mine.—First plays
Mine.—Second plays
Sunders.—Roses and their cultivation
Seager.—Principles of economics 4th ed
Seltman.—Principles of economics 8th ed
Smith.—Primitive animals
Strachey.—Eminent Victorians
U. S. Signal office.—The principles underlying radio communication
Vanderlip.—What next in Europe?
Ward.—Psychological principles
Watts.—An introduction to the psychological problems of industry
Wellman-Seaver Morgan co.—The open hearth
Arms.—The notion of number and the notion of class
Bieber.—The Lords of trade and plantations
Burchett.—Janus in Roman life and cult
The Dearborn Independent.—Jewish influences in American life, v. 3
Dodd.—Procedure in state legislatures
Ellingwood.—Department cooperation in state government
Guthrie.—The paradoxes of Mr. Russell
Hardy.—Geography of plants
Barron.—State regulation of the securities of railroads and public service companies
Bell.—Studies in the trade relations of the British West Indies and North America
Bossard.—The churches of Allentown
Bowden.—The rise of the great manufacturers in England
Boppe.—Speculation and the Chicago board of trade
Brewster.—Roman craftsmen and tradesmen of the early empire
Bye.—Capital punishment in the U. S.
Hamer.—The secession movement in South Carolina.
Holtzhauser.—An epigraphic commentary on Suetonius's life.
Johnston.—Mrs. Warren's daughter.
Keller.—The story of my life.
Levi.—Gnostic literature in Bible and Apocrypha.
Locher.—Dictionary of the organ.
Mayer.—War and religion.
Neal.—Editorials and editorial-writing.
Raymond.—Portraits of the nineties.
Schlesinger.—New viewpoints in American history.
Sinclair.—The combined maze.
Sladen.—The approach of academic to spoken style in German.
Spann.—Die haupttheorien der volkswirtschaftslehre.
Crennan.—A survey of state executive organization and a plan of reorganization.
Doernenburg.—Wilhelm Raabe und die deutsche romantik.
Downer.—Metaphors and word-plays of the civil war.
Ervine.—John Ferguson.
Euphorion.—Zeitschrift fur Literaturgeschichte, v. 1-21.
Franc.—Ibsen in England.
Goethe.—Gesellschaft, - Jahrbuch der Wendel.—The evolution of industrial freedom in Prussia.
Blanche.—The dramatic values in Plautus.
Cutts.—The life and poetry of John Cutts.
Surface.—Studies on the geography of Virginia.
Terry.—The spirit of propagandism in the French revolution.
U. S. Navy Dept.—Official records of the Union and Confederate navies in the War of the Rebellion.
Watkins.—A survey of the revenue system of Delaware County, Pa.

OLD MAIN CLUB GIVES ANNUAL HALLOWEEN HOP

Autumn Foliage Transforms Armory Into Gala Hall for Fourth Annual Ball

The Old Main Ball, the most select and extensive band of outlaws on the campus, emerged from their burrows in the Old Main on Saturday night to show the College how to hold a real dance. The affair was the fourth annual dance of the Old Main Club and was by far the most successful, for over one hundred and fifty couples swayed to the music of Kenn Kellar's orchestra from Altoona.

LARGEST STADIUM IN WORLD BEING BUILT NEAR LONDON

To match the best American athletes against the best British athletes, is one of the reasons why the largest stadium in the world, with a seating capacity of 125,000 for field meets and 175,000 for boxing exhibitions, is being built ten miles northwest of London, at Wembley, England.

NITTANY AND SYRACUSE TEAMS IN SCORELESS TIE

The game opened with Syracuse kicking off to Penn State, and the Lions at once showed signs of victory as they proceeded to make a first down. The necessary distance was not made on the next attempt and Palm was forced to kick to Simmons who fumbled on his own eight yard line. Here Bedenk recovered for Penn State and the Orange and Blue men dug in their cleats for a desperate struggle.

TOILET ARTICLES

We carry a complete line of Coty's and Huticant's Perfumes, Toilet Waters and Face Powders. Also Compacts and Pincos in gold-finished cases. Hudnuts double Compact and Rouge in gold case. Ray D. Gilliland Druggist

On the next play Hamilton broke through Syracuse for a five yard loss. An unsuccessful forward was followed by one for nine yards. Syracuse made first down on the next play. Meehan's men made another ten yard gain on the next four plays. With five yards to make for the next first down, Syracuse elected to try the line rather than dropkick and it was once more Penn State's ball.

Penn State Advances

Patton circled right end for twelve yards. Kratz made three more through left tackle. Wilson made six more and Kratz crashed through left guard for another first down. Wilson made one yard on a delayed pass. A pass to Wilson fell short. Patton tossed another to Wilson for seven yards. Patton kicked to the Syracuse twenty-yard line. Zimmerman likewise punted when his team was thrown for a loss. The ball then remained in the center of the field while Penn State made its last desperate attempt to break the deadlock.

Syracuse Starts Drive

The Orange lads made their initial first down at this time and continued to make several more before the half ended. Using a fake pass and kick formation several more ten yard marks were passed by until the ball rested on the thirty-one yard line. Zimmerman kicked off to Wilson who caught the ball on the ten yard line and advanced it fifteen more before being stopped. Penn State did not make the required gains in the next 3 plays and Palm punted to Zimmerman who eluded the Penn State tacklers until he had returned the ball twenty yards. With only a half yard to make on the fourth down, Syracuse was held and the ball again reverted to the Nittany team near the thirty yard line. Patton here replaced Palm who was injured.

Henry Grimm The Town's BEST TAILOR

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FINAL SALE OF 1923 ANNUAL IS ANNOUNCED

A special sale of the 1923 La Vie will be held at the Athletic Store on Wednesday night from six-thirty to eight o'clock, for the benefit of those who have not yet purchased a copy. A number of the 1923 classmen have not yet purchased their copies and this will be the last opportunity to secure one. The La Vie is one of the main activities of the Junior class and it is the duty of every member to support it.

Table with columns for Penn State (0) and Syracuse (0) listing players like Hufford, McMahon, Hedenk, Hamilton, Flock, Schuster, Frank, Palm, Wilson, Kratz, Slinger, Fitz, Starobin, Van Blarcon, Heers, Waldorf, McRae, Simmons, Frugone, Anderson, McBride.

CHEMICAL AG STUDENTS DO VALUABLE RESEARCH

With this machine, Lauderlich conducting research on weed destroyers. A chemical has been discovered that will destroy a great many varieties of weeds and this compound is used to a great extent by railroads to kill weeds along the tracks.

WHITTINGTON DRESS SUIT CO.

Social Function Clothes Question Solved. ANY STYLE ALL OCCASIONS Complete Renting Outfitters (Head to Foot) Largest Stock between Chicago and New York. ANY SIZE ALL ACCESSORIES C. D. HERBERT, Bell 199

There is a growing custom in a number of colleges for each student to purchase a class book for each of his four years in college. Accordingly the sale on Wednesday night will be open to anyone who desires a copy.

GIRLS' VAUDEVILLE SHOW IS PRONOUNCED SUCCESS

A comedy skit, "Gallagher and Sheen," in which Wise and Winard participated brought down the house, while "Dinky" Cannon '25 kept the crowd in good spirits by a clever presentation of a song act entitled "All for the Love of Alice." Itayl and Vannool performed splendidly on the violin and piano, and Lockwood put on a clog dancing act worthy of a professional. Grace Hatfield's whistling act, accompanied by Taylor on the piano, was an evening's entertainment in itself. Rustay showed rare ability as a cartoonist by his humorous and popular sketches.

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One of the most interesting problems, and perhaps one of the most valuable, studied by the "Chem Ags" last year was prosecuted by A. B. Lauderlich who was working for his Master's Degree. This problem had to do with the sugar content of raisins. Two-thirds of the world's raisin supply is produced in California, and up until last year the raisin manufacturers had no way of determining the sugar content of raisins sold to them by the raisin growers on the basis of weight, which of course can be easily affected by the addition or subtraction of water.

Raisin Sugar Problem

Professor Dutcher, on returning to Penn State, designed and constructed with the aid of Professors Fessenden and Bradford, of the Engineering Department, a machine that would shred the raisins to such minute pieces that they would remain in colloidal suspension almost indefinitely. This in itself has proved to be a development of the highest value, since the machine enables one to grind not only raisins, but other materials, under water and to put them into a colloidal state, which greatly enhances the extraction of enzymes, and other colloidal materials and sugar, from organic compounds. One of the greatest colloidal chemistry experts in the country has secured a design of the machine from Professor Dutcher so that he may use it in his researches in colloidal chemistry.

gan work on the sugar-determination problem, grinding the raisins in hot water and thus dissolving the sugar. The filtrate of the sugar solution is then tested in a colorimeter which compares the colors of the various standard sugar solutions with that produced by the percentage of sugar under consideration. By this method the amount of sugar contained in the raisins delivered by the farmer can be determined within nineteen minutes, while he is unloading. The raisin manufacturers state that they can save thousands of dollars by this system. But Professor Dutcher and others have been continuing work on the problem begun by Lauderlich, and believe that they have discovered a way to determine the sugar content by the use of the refractor-tor, in seven to ten minutes. In any event, the machine for grinding the raisins will be used no matter which of the two methods is found more desirable, and the raisin manufacturers are already considering the installation of the apparatus in their factories.

other students and faculty members in the department have been and are carrying on interesting and valuable experiments along this line, and it is probable that a report of their activities will appear in the next issue.

The First National Bank STATE COLLEGE, PA. W. L. Foster, President David F. Kapp, Cashier

After Every Meal Wrigley's D.K. Chewing Sweet The Flavor Lasts

ANOTHER COUNTY IS "OVER THE TOP" Adams has joined Cambria in the List of the Elect WHO'S NEXT? That little Polo Grounds Fracas has made the Nittany Lions fighting mad--But the Navy Goat is also mad and has nothing to lose and everything to win. It's the same way with Penn State's \$2,000,000 Campaign, except that there is EVERYTHING to win with success and EVERYTHING to lose with failure! Let's GET MAD and Let's GO!

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