

Behind Rockpile Column Lies Hidden Tale Of Old

"Can you-all tell me what that pile o' rock is?" an engineer from Virginia shyly asked last week.

"Hey, what is that rockpile in front of the armory for anyways?" blurted a farmer from up country.

Similar questions and mutterings are tossed about at the beginning of each semester; and if inquiry and research are carried through, the student will discover that this "rockpile" has a long story behind it.

The Polyolith, so called because it comes from the Greek lithos meaning "stone" and polithos meaning "several stones," was constructed by the School of Mines (now School of Mineral Industries) of the College in 1896 to represent the building and ornamental stones of Pennsylvania arranged in a column of geological order.

Two hundred and eighty-one samples were procured from mines, quarries, and corporations in 150 localities of the state. These stones include pre-cambrian rocks, the oldest in the state, being about two and one-half billion years old, to the youngest triassic which were formed during the dinosaur period 192,000,000 years ago. Rocks upon which campus buildings are erected are approximately 475,000,000 years old or one-half of the way up the scale in age but only one-fifth of the way up the column.

Constructed on a base block of Pottsville conglomerate 6 feet by 6 feet by 2½ feet, the polyolith has a base 5 feet square, is 32.7 feet high and weighs 33.4 tons.

When it was erected 48 years ago, several objects were in view. Among these, the most important ones were to enable the geology student to see at a glance at one time and place a general but accurate section of the crust of the state with the rocks arranged in

exactly the same relative order as that in which they occur in nature; and to determine the relative ability of various stones to withstand the atmospheric conditions through the years.

William Lewis Affelder, former student and later trustee of the College, began the study of the latter in 1899 when he prepared a thesis on the microscopic texture of the rocks. In order to obtain information for this thesis, Affelder sandwiched paper-thin layers of each rock between glass and then studied its elements, giving full details and illustrations in a thesis filed in the College library.

For 45 years the "rockpile" has guarded the armory while freshmen came and went, pausing only to murmur, "Hmmm, wonder what that's all about anyway?" and no geology student has ever continued the research of relative durability of Pennsylvania's building and ornamental stones. The Affelder collection of experimental "sandwiches" is still in the Mineral Industries office waiting to be consulted again. The polyolith is a forgotten testimonial.

PSCA Selects Summer Officers

Grave Gray, recent delegate to the United Christian Youth Conference at Lakeside, O., was elected president of PSCA for the summer semester. Ann Berkheimer was selected as secretary-treasurer for the student cabinet.

Officers were elected and a summer provisional organization decided upon at a special meeting of members of the PSCA, who held office or were active on a committee last semester.

Leaders for five commissions and two committees selected were: Commission I: "Intercollegiate and World Fellowship"—Helen Dasenbach and Ruth Shields; Commission II: "New Student Program"—Robert Barefast and Mary Margaret Dunlap; Commission III: "Religious Emphasis"—William Morton and Grace Gray; Commission IV: "Public Affairs"—Lois McCool and Jane Cromis; Commission V: "Campus and War-Time Service"—Shelley Smith.

Watts' Lodge Committee: Alan Bentz and Jean Farley; Personnel Committee: Esther Miller and Dorothy Colyer.

Chairman for the publicity and public meetings committees are yet to be selected. Any student desiring to take part in any of the committees or commissions may interview the secretaries, James T. Smith or Miss Betty Farrow, at 304 Old Main.

Service Board To Hold Rally For Transfers

Junior Service Board is sponsoring a rally for transfer students in the southeast lounge of Atherton Hall 6:30 p.m. Tuesday. Campus customs, activities, and organizations will be discussed by members of the board.

Charlotte E. Ray, Dean of Women, Gertrude G. Rosen, president of WSGA, and Betsy McGee, president of WRA will be the guest speakers. Cheerleaders will be present to teach the College songs and cheers to the group.

ISC is planning an over-night cabin party for Saturday, July 23, Mike Lynch, vice-president of the club, announced. The party will be held at the PSCA cabin.

President To Discuss Future College Plans With Alumni Executives

Dr. Ralph D. Hetzel, President of the College, will meet with the Alumni Executive Board in the Alumni Office Saturday, July 22 to discuss the future plans of the College and what part the Alumni Association will play in these plans.

At this meeting, also, the officers for the new year will be elected and the program for the coming year will be outlined.

The Alumni Association is composed of 11 men who are elected by mail ballot, and each man serves on the board for two years.

Those now serving on the board are: E. E. Hewitt, C. L. Eshleman, H. I. Smith, M. J. McCleary, W. W. Weaver, Mrs. Sparks, G. M. Arisman, B. C. Jones, J. G. Brill, E. L. Flynn, and W. K. Ulerich.

Teachers' Association Convenes At College; 72 Delegates Attend

Seventy-two delegates from 18 states are attending the nineteenth annual League College, an association of officers of teachers organizations, convening at the College until July 19.

Organized in 1912, the League is an allied organization of the National Education Association whose purpose is to foster professionalism among teachers and to develop leadership in professional organizations.

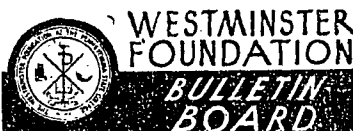
Professional leaders participating in the conference include Mr. Myrtle Hooper Dahl, former president of the National Education Association; J. W. Newton, president of the Pennsylvania State Education Association; Alonzo F. Myers, National Education Association committee on defense of democracy; and Belmont Farley, National Education Association director of public relations.

Dr. C. O. Williams, associate professor of education is director. Faculty members appearing on the program include George E. Simpson, J. Paul Selsam, James E. Gillespie, Mrs. Marion Fisher Murphy, Lloyd M. Jones, Kenneth D. Hutchinson, Jacob Tanager, E. A. Betts, B. V. Moore, Frank H. Koos, Joseph F. O'Brien, Miss Rose Cologne, and M. R. Trabue.

Prof. Bowen To Direct Milkweed Floss Collection

Pennsylvania's campaign to collect milkweed floss for use by the armed forces as a substitute for kapok in life jackets and life belts will be directed by G. Harry Bowen of the horticulture department.

Bowen will supply information and distribute bags for picking the milkweed pods to schools, 4-H Clubs, Scouts, and other youth groups which will sponsor local collection drives. He also will supervise the purchase of the pods collected and arrange for shipment to the Defense Supplies Corporation plant at Petoskey, Mich.



Third Session Student Department, Sunday, 9:30 a. m., Westminster Hall

Musical Service, Westminster Fellowship, Sunday, 6:20 p. m. Guest Pianist: Miss Jean Knandel, Cornell University. The Fireside Room Fellowship Hour

Special Welcome to Entering Freshmen and Student Trainees to Share in a refreshing Christian Fellowship with other students.

Old Main Clock Is Striking - Overtime And Double Time

In the midst of world upheaval, when war distresses half the world and tornados, floods, and mine crashes testify that even nature is in a state of unrest, the clock on the tower of Old Main chooses to bow to the inevitable and become listed as a war casualty.

Although the damage is only temporary, according to George Ebert of the department of grounds and buildings, students have been highly disconcerted to hear the clock bong three times at 1 a. m. or to listen to the chimes of the angelus at 2 a. m. instead of at the usual hour of six.

The clock, a gift of the class of 1904 was installed on the original Old Main building. At that time it had tremendous hands, measuring from 14 to 16 feet, which could be seen anywhere from campus or town. When the present Old Main Building was constructed, the hands of the clock interfered with the architect's design. This clock,

around which workmen have been swarming for several days, replaced it.

Two devices control the clock. One operates the hands; the other controls the chimes. Until the class of 1937 presented the chimes to the College, it was operated by a master clock in the telephono exchange. The movement of the mechanisms which control the time movement and the chimes must be perfectly synchronized. In order to assure this synchronization, the clock was switched to an electric system in 1938.

Mr. Ebert can offer no explanation about why the clock suddenly went off the beam. His crew has been working steadily to locate the trouble. It seems that the morale of Penn State disintegrates when they can't measure the time left in class by the sonorous notes of the clock on Old Main tower.

Bishop Edwin Hughes Will Deliver Address At College Chapel Sunday

Bishop Edwin H. Hughes, resident Bishop of the Methodist Church in Washington, D. C., will address the Chapel audience Sunday on "A Man Gives God a Questionnaire."

After studying at West Virginia University and Iowa College, Bishop Hughes received from Ohio Wesleyan his A. B., 1889; A. M. 1892; D. D., 1894; and L. L. D., 1909. Boston University conferred an S. T. B., 1892; Syracuse University an S. T. D., 1903; De Pauw University an L. L. D., 1908.

Methodist Episcopal Church ordained Bishop Hughes to the ministry in 1892, and from 1892-96 he headed the congregation of Newton Center, Mass. Bishop Hughes served as president of De Pauw University, 1903-08; bishop of Methodist Church since 1908; senior bishop of Methodist Church since May 1932.

Other offices he has filled include member of Indiana State Board of Education; trustee of Carnegie Foundation; president of State Teacher's Association of Indiana, 1904; president of the Board of Temperance of Methodist Church since 1932; fraternal delegate to English and Irish Methodisms, 1930; acting president of Boston College, Apr.-Sept. 1923; acting chancellor of American University, 1932.

Bishop Hughes has written several books, including "Letters on Evangelism, 1906; The Teaching of Citizenship, 1909; A Boy's Religion, 1914; The Bible and Life, 1914; Christianity and Success, 1926; Worship in Music (part author), 1929.

'Weatherman' Warns Backyard Vacationist Against Too Much Sun

Vacationers, forced by the transportation shortage to substitute backyard sun bathing for their usual trips to the shore, were warned today that the dangers of sun bathing are frequently much greater than the beneficial results.

Dr. Hans Neuberger, the College's "weather man," said sun bathing can be beneficial only in small doses, reminding that painful sunburn and heat strokes, as well as skin cancer may result from over-exposure.

"Ability to withstand sun," he explained, "is an individual matter, but no one should make the mistake of remaining too long in the hot sun." He described the hours from 10:30 a. m. to 4 p. m. as "particularly dangerous."

The therapeutical effect of sun lies in the production of vitamin D in the skin, the weather expert said. It would be less dangerous—and probably more effective, he added—to acquire vitamin D internally through food.

Sunburn, he reminded, is a delayed reaction just as readily acquired on a day with a low temperature and a cool breeze as on a hot day. The amount of heat sensation experienced at the time of exposure is no indication of the painful burn and blisters which may develop overnight, he declared.

Wartime Cooking Class

Mrs. Gilma Olson and members of her wartime cookery class will discuss the homemaker's problem of rationing in the Home Economics auditorium at 3 p. m. Wednesday. All students and the public are invited to attend.

Visiting Russian Expert Studies American Mining Methods At MI School

All the pumping equipment American industry can produce in the next few years will be required for the restoration of flooded Russian mines, stated I. G. Kurakov, head of a mining commission sent to the College for four days to study American methods.

Retreating German armies have devastated anthracite and bituminous mines in the Donets Basin, as part of their systematic smashing of Russian industry. The return of the mines to full production will take at least five years.

N. Komarov, another member of the fact-finding mission estimated Russian pre-war coal production as high as 8,000,000 tons a month, as compared to the maximum German output of 15,000 tons a month.

The commission admitted the superiority, in many respects, of American mining methods; expressing at the same time their faith that production figures in the rehabilitated mines will be a considerable increase over pre-war production.

Ham-Props Elect Officers

Hamilton-Propeller students have elected Ellen Kennedy president of their group for the coming semester. Dorothy Keefe was elected secretary; Mary Cashman, treasurer, and Katherine Chamberlin, social chairman.

A picnic and dance has been planned for this week at the ski lodge for the Hamilton women and their guests.

PENN STATE CLASS RINGS
L. G. BALFOUR COMPANY
LOCATED IN THE ATHLETIC STORE

The Peoples National Bank

Welcomes the Summer Students and Invites Them To Use the Facilities Of Our Institution In Opening Student Accounts



"Save With Us"