

THE RED & WHITE NEWS

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IT GOT 'EM ALL

The following episode is an actual happening as told to the editor. In a small settlement on the shores of Lake Michigan just before the Christmas holidays of 1938, a boy in the village's public school was stricken with chicken-pox. The mother of the lad would not keep him at home, because she insisted that she paid for having him educated and would not have him miss school. The epidemic spread rapidly as a result of the boy's close contact with his schoolmates. The school board would not close the school, because if they called a recess, the teacher's salaries would still have to be paid during that time. In turn the teachers would not shut down the school, because if they did so, their salaries would be decreased by the recess. The whole business indeed ended up with the chicken-pox pupils attending school and the healthy students spent, what ordinarily would have been school days, at home.

CONTESTANTS CHOSEN

The following people have been selected for the Junior Declamatory Contest which will be held some time in the early part of June: Elizabeth Anna O'Brien, Jane Zahniser, Mary Kathryn Walizer, Sally Lassila, Marian Monnell (alternate), George Purcell, James Hoffer, Carl Cronmiller, Richard Austin, Emmett Wilmer (alternate). Everyone in the junior class had the opportunity to try out for the contest. The various English teachers selected the best speakers and from this group the final contestants were picked. Miss Forbes and Mr. Dubbs will coach the contestants.

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"MOVIE PREVIEW"

Yes, My Darling Daughter is a picture with an outstanding cast, a very cleverly written script, and a tensely dramatic climax reached when the darling daughter, Priscilla Lane, declares her intentions of spending the unchaperoned weekend with her sweetheart, Jeffrey Lynn. The consternation of her mother, Fay Bainter, whose modern unconventional attitude in her own youth is reflected in her daughter's actions, is pathetically and sympathetically presented.

GOLFERS DEFEATED

Their triumph undiminished by their recent defeat at the hands of Clearfield, the B. H. S. golf team will attempt to regain some of their lost prestige in their match with State College High next Tuesday, May 2, at State College. Although State has retained most of its last year's team, the locals feel that they can be beaten. The Bellefonters have been playing at every opportunity since the Clearfield match, and the scores which they recorded show that they are playing excellent golf.

The full strength of the team will be used, as six players will make the trip. The probable lineup will be selected from these players: Montgomery, Curtin, Furnell, Valentine, Craig, Binghamman, and Forester. Mr. Dale has scheduled two practices for Thursday and Friday before the match.

MIGRATES TO OPEN SPACES

It must really be spring because Coach Miller had his applied mathematics classes out in the warm spring sunshine, showing them the use of a surveying instrument. The class is learning the use of tangents in finding the heights of objects such as poles, buildings, and the like. After they line up the instrument with a certain point from which they are measuring, they then point their hickie-rod at the top of the pole and thus find the angle. Then all they have to do is measure the distance from the pole to the instrument and multiply by a certain tangent given in their tables. Thus they find the heights of an object without actually measuring it. However, to check on their work coach had some of the boys climb the poles and actually measure them.

DUNN—IN A HURRY

The Civics class went for a walk last week to view the public utilities of Bellefonte. Our worthy glee club had a banquet last Friday. Cy Newcomb was elected queen of the Girl Scout Mayday. The Home Ec. department studied the art of making croquettes. A section of the art department is thinking of making toys out of wood.

Commercial club gave a dance last week at the gym. Have you seen the members of the biology classes running around getting bugs and flowers for their collections?

At last the writing talents of some of our pupils will come to light; the sophomore English classes are going to write short stories. Bill Kellerman is going to be quite a public speaker, he gave the first history report without notes the other day.

After seeing "Family Album" we came to the conclusion that Mr. Dubbs was quite an actor. The Junior class held a dancing class for beginners and for those who would want to "polish up" on their old steps, last Friday. Warning: Betty Eyer sent for her drivers license.

Allen Hewitt is quite a lover of frogs by the way he was treating the one he had in English class is any barometer.

PROM ON MAY 26TH.

Plans are definitely getting under way for the Junior Prom. The date is set for May 26th. Several committees have been selected and will start work in the near future.

The following have been selected for the invitation committee: Betty Howard, chairman; Louise Knarr, Betty Miller, Evelyn Pownell, Thyla Sprankle, Jean White, Jane Smith, and Grace Schultz.

The decoration committee consists of the following people: Jane Aikie, Phyllis Hillegas, Ann Kelley, Elizabeth Mangine, Mary Katherine Walker, Elizabeth Ann O'Brien, Jerry Casper, Ann Witmer, Jean McKinley, Richard Austin, Bill Musser, Sari Cronmiller, Don Knisely, George Purcell, John Dobelesover, Charles Schaeckel, Jack Steele, Leo Hall, and Wendy Decker. Jane Zahniser, Fern Witmer, and Ruth Symmonds, who are on the orchestra committee have written to Ivan Peaux's orchestra in Sunbury, Bud Cordovi's in Gettysburg, and several others to obtain information on their prices.

We hope that this year the Prom will be a bigger and better event than ever.

CAPITOL TRIP A REALITY

Well, the seniors are really going to Washington. Recently a questionnaire was submitted to the members of the class were really in favor of the trip. It was discovered that 70 students wanted to go and that 50 would be able to pay their own expenses.

The senior commercial club sponsored a dance last Friday to help defray the expenses of those who are unable to pay their entire fare. No definite plans have been completed for the commencement exercises which will be held June 22.

HE'S JUST AN OLD SWED

An amusing incident happened last Friday in public speaking class. The students were giving speeches and after Torsten Blaine gave his talk, Mr. Dubbs asked him to translate it into Swedish. He translated it and then Mr. Dubbs said that he did it very well. The class was surprised when Torsten asked, "How do you know?"

"SUSPENSE IN TORTURE"

Did you guess that the boy for last week was Francis Donovan and that the girl was Mary Catherine Flynn? The girl for this week has grayish-green, deep-set eyes, a smooth complexion and large feet. She is tall. The boy has dark brown eyes and hair, and a street bear the same name; he is fairly tall, plump, extremely witty, and a member of an older crowd. He's one of those golf enthusiasts, too.

IN STEP WITH QUOTES

Bob Jones—"To love." "To Help." Betty Eyer—I never like being hit without striking back. Mr. Dubbs—I can't sing. As a singer I am not a success. I am saddest when I sing, so are those who hear me. They are sadder even than I am. Mary Cole—Life is my college. May I graduate well and earn some honors. Jean Dunn—She moves like a goddess, and she looks like a queen. Dick Valentine—A wit with dunces, and a dunce with wits. Catherine Cole—The one that first gets mad's most others wrong. James Thompson—Even good men like to make the public stare. Kenneth Fromm—"The good old times"—all times when old are good. Bob Curtin—Let us have wine and women, mirth and laughter, sermons and soda water day after day. Harry Curtin—I have not loved the world nor the world me. Carl Kellogg—I strive with none, for none was worth my strife. James Craig—Get peace and wealth if possible with grace; if not by any means get wealth and peace. Don Montgomery—I can not sleep a wink. Mary Confer—The barrenest of all mortals is the sentimentalist. Virginia Dowdell—What is Man? A foolish baby, vainly strives, and fights and frets. Jean Adams—Ever let the Lancy roam. Pleasure never is at home. Eleanor Forsburg—Disappointment, parent of despair. Anne Grove—Art is man's nature; nature is God's art. Virginia Clark, Mary Beaver—The only way to get rid of a temptation is to yield to it. Joan Long—Thought alone is eternal.

LOST AND FOUND

Found—One brown zipper change purse containing some small change. Found—One black and white fountain pen. Found—One gold ring with ruby stone. Found—One blue and white handkerchief containing money. Found—Two celluloid protractors. Lost—One red suede zipper pencil case containing pen and pencil set and name cards. Lost—One general business text book. Lost—One home economic book. Lost—One economic geography text book, a large utility composition book, and a tablet. Lost—United State History book No. 102. Lost—Freshman English text book.

EXCHANGE

Learn a Lesson I had a date I stayed out late We had a quiz I flunked. Gee whiz! Berlin Brother's Valley Hi-Views Berlin, Penna. He lent her his pen. "It writes beautifully," she said. "I'm in love with the holder," he replied. "She got the point!" John Harris Post Harrisburg, Penna.

Onward, Speed Onward, Oh time in thy flight, Ring, Buzz, ring, Before I realize, The Spokesman Tyronne, Penna.

ALBUM GOES OVER BIG

Last Thursday the Youngs Woman's Guild of the Presbyterian church held a playlet entitled the "Family Album" in which a large number of local people participated. Of these was Mr. Dubbs, one of our English teachers, who took the part of pa and who squired a mustache and looked and acted the part excellently.

The large attendance and hearty laughter and applause take the place of words in expressing the play's immense success.

PRESS CONFERENCE

The Penn State Press Conference for high school publications was held last Saturday at State College. The conference began with registration in the lobby of Old Main at 10:00 a. m. and this was followed by a general meeting and discussion groups for faculty and students. From 1:00 to 2:30 p. m. luncheon was served in the Old Main Sandwith Shop and after lunch sight seeing trips were conducted by the men's and women's journalism fraternities. The representatives from the Red and White News were: Emmy Lou Craig, Elizabeth Ann O'Brien, Betty Louise Miller, Mary Grace Hartsock, and Ann Kelley.

FACULTY ON PARADE

Let me see, Miss Rosini was born in Dunleavy and graduated from Charlevoix High School where she was a member of the school literary club. Her next move was Penn State where she studied Home Economics besides swinging a hockey stick and playing soccer ball. She has traveled, where? Well, to Washington to see the Cherry blossoms and to Toronto, Canada, while in Canada she was most interested in the large mansions of imported stone.

Oh, I forgot the also was a regular visitor at Atlantic City. Her hobbies are, conveniently in her work. She likes to sew and cook, and teach people older than herself to sew.

Evolution of Iron Industry In County

(Continued from Page 1)

The discovery of iron ore which was exceedingly high in iron content, as well as its peculiar formation. Colonel Samuel Miles, a veteran of the Revolutionary service, and one of the first mayors of Philadelphia after its separation from the Crown, heard of this report about the iron ore of the central valleys, and, with Colonel John Patton, began the purchase of these lands. After Revolutionary soldiers, Philip Benner, a practical iron man, also heard the tales and tried to buy the same tracts. Eventually Miles and Patton won out and their first purchase was the tract just east of State College.

"Litigation took place between the two claimants but on May 8th, 1790, Patton received his first deed and prepared immediately to build his furnace, and on May 2nd, 1792, "Centre Furnace" was into blast where the old stack still stands to the east of the College. During the next year Benner had perfected a portion of his titles and started on his famous migration from his home at Coventry in northern Chester county to find roads and mountain trails, fording streams and crossing by spring freshets, and cutting his way through unbroken forests near the end of his trip, to arrive at "Rock." He writes of this trip, "I had to pack provisions from the eastern counties through the woods to supply ninety-three people."

"Centre Furnace was already making pig iron and finding great trouble in shipping it to market. Benner built only a forge at first and bought the Centre Furnace pig iron which was promptly converted into bar iron, much easier to transport and quicker to sell. For some years this system continued, Miles and Patton got rid of their "pigs," and between them they constructed a road from Centre Furnace to Rock through Houersville, a distance of about five miles.

"The old charcoal iron plants consisted of a furnace usually built near a hillside, so that the materials could be hauled to the top of the stack, and always near a stream to take advantage of water power. The three essentials of iron making, charcoal, limestone and iron ore, must be found within reasonable distance of the stack or the business would not be profitable. In Centre county, hardwood, from which the charcoal was made, was plentiful, the best limestone in the commonwealth was near at hand, and the ore—well, I might talk indefinitely about it.

"The geologists employed by the famous Iron Limestone & Coal have written into their reports the following information. They discovered the Trenton-limestone, usually found near sea level, on both the northern and southern sides of Nittany Valley with the inclinations reversed on each side. They also found the iron ore comparatively free from impurities. From these basic facts, and others on which it is useless to dwell, their report assumes that an upheaval must have occurred in past ages which raised a high mountain where Nittany Valley now exists and a quake with intense heat later receded the mountain to a valley. They styled the ore "pipe ore," because it was found in such narrow veins, and they found it much easier to handle than the ores of Juniata Valley used by the earlier furnaces at Bedford and Orbisonis.

"These iron furnaces, and all those built in Centre county in the following ninety years, were cold-chamber charcoal burning plants operated by water power. The stone stacks had a semi-conical base with a high fire box above it. This was filled with layers of charcoal, iron ore and limestone, and these layers repeated until the furnace was full before the charcoal was lighted. When the intense heat had fused the ore and limestone into a molten mass the furnace was broken open with a bar and the metal flowed out onto a prepared sanded floor. Through a central trough the red hot iron was guided from one side to the other of the floor until the small troughs were full of the molten iron or the furnace was empty. The metal so cast was called "pig iron."

"The furnace was the natural means of making iron and almost invariably employed as such in this country. In rare instances a "Bloomery" was established, sometimes only used when the furnace was out of blast. This was a method of casting iron in round blocks and gave the name of "blooms" to the larger pieces of metal occasionally made to satisfy the demands of some forges. The forge was a place where the "pigs" were reheated and drawn or hammered into thin strips in length and sizes more readily handled than exact weights to save the name of "blooms" to the larger pieces of metal occasionally made to satisfy the demands of some forges. The forge was a place where the "pigs" were reheated and drawn or hammered into thin strips in length and sizes more readily handled than exact weights to save the name of "blooms" to the larger pieces of metal occasionally made to satisfy the demands of some forges.

"Miles and Patton, with Centre Furnace, were soon aided in their business by the establishment of the Milesburg forge in 1795, and when this happened Benner started his first furnace. In that year John Dunlop came to Bellefonte, joined in the erection of "Harmony" forge at Milesburg, and later built his own furnace at Logan, about four miles south of Bellefonte. These three iron plants if considered Milesburg in connection with Centre Furnace since the owners were the same, made nine-tenths of Centre county iron until about the year 1810. John Dunlop also started Washington furnace on Fishing Creek, which became a portion of Clearfield after the secession of the county just one hundred years ago.

"I am going to pass over the history of the well known Curtin family with their several plants in Bald Eagle Valley and their business connections throughout the entire county; the establishment of Pennsylvania Furnace, with its numerous supplementary works in both Huntingdon and Centre counties, by John Lyon, who afterwards, in the firm of Lyon, Shorb & Co, became the greatest ironmasters of Pennsylvania for many years; as well as the Quaker ironmasters who owned

what was probably the most uniformly successful iron business of the county under the name of "Valentine and Thomas," at Bellefonte, Logan, Howard and Washington. I will not find it possible to even touch upon the activities of the Harris, Miller, Gregg, Irvin and Thompson families, who eventually ran the Howard, Hecla, Mill Hill, Milesburg and Centre Furnaces and forges, and who were most deeply interested in iron activities for fifty years after 1830.

"I can only dwell on the early iron plants, not even referring to those started within the past eighty years, and call your attention to the fact that the ten years succeeding the erection of Centre Furnace saw a revolution in the character and quality of the new settlers in Centre county and especially of Nittany Valley. Land was taken up for its ore or its hardwood and while farming was the sole industry of Bald Eagle and Penns Valleys, the small trader began to develop in Nittany. The ironmasters were the only ones who had cash and paid cash, all other forms of industry were content on the barter and trade principle.

"The early ironmaster was a lord of his manor. His house usually erected with the native limestone and generally following in its lines of construction the stone buildings of Chester county, the original home of a majority of these men, was near his plant, and often surrounded by several hundred acres of farmland. The buildings to house his clerks, foremen and laborers were either small stone buildings or log cabins within easy reach of the plant. All estates were raised on the farm; horses, cows, sheep and chickens were bred for their use. The women made practically all of the clothes worn by both sexes. A tannery was usually established and shoes made for all. Only salt, sugar, tea, coffee, spices and other items of this nature had to be purchased. The ironmasters cared for the health of his people, his wife saw that the women had proper attention and they both felt personally responsible for the well-being of the community.

"In this connection it might be well to state that these "lords of the manor" often acted as their namesakes did in the old country. After business had settled to the point of showing a good profit, these men began to enjoy the niceties of the life of those days, and visitors flocked to their manor houses. (The big house at the furnace was always the "Mansion House.") In the winter of 1794-95 Colonel Patton entertained Prince Charles Maurice de Talleyrand for a short time during his exile in America. On a trip through the countryside with his host, Talleyrand called at the new home of James Harris, where he is said to have suggested the name for the new town of Bellefonte after glancing at its beautiful spring.

"Colonel Miles never settled in Centre county but sent his sons to look after his interests. Colonel Patton died in 1804, and the remaining pioneers, Philip Benner and John Dunlop, continued to dominate the iron industry of the county for some years. Dunlop built the home which stands on the Bellefonte pike near the site of what was Logan Furnace, and Ben-

and Bald Eagle Valley were comparatively well settled. It was not until 1795 that the first town of this valley, Bellefonte, was laid out and established by Colonel James Dunlop and his son-in-law, James Harris.

"In almost every instance these pioneers left good homes in settled communities to come into these uncultivated and uninhabited wilds, to erect their own homes and business places, a week in time from civilization. Even as late as 1815 it took from three to four days to come to Bellefonte from Philadelphia in good weather. Their only light consisted of tallow candles or the blaze of pine knots, their only method of travel was by rough wagons or on horseback.

"We must remember this one thing. They won out by hard work, by conquering difficulties apparently by unmountable. I truly believe that the spirit of America is not dead. We can do just as much today as our ancestors could do. If we follow their example and could be unhampered by petty government interference this country would be greater than it has ever been."

Well for one thing, the serious international situation has taken our mind off domestic difficulties.

So far the editor has escaped the assaults of disappointed spring poets out there is a few weeks left.

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