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The Missouri Miner, September 13, 1926

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Doc Fulton

THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Missouri.

Vol. 13.

Monday, September 13, 1926.

No. 1

NINETEEN MINERS ATTEND R. O. T. C. CAMP AT SNELLING.

On June 11 the inhabitants of the Swedish settlements of St. Paul and Minneapolis were astonished, startled, bewildered and surprised by the invasion of their peaceful Scandinavian communities by a horde of collegiates from the middle west, some arriving by train, riding either the cushions or blinds, while others came in more elegant style of piloting slightly extinct yet tastefully decorated flivvers. Among this mob of embryo soldiers on the way to Fort Snelling were nineteen students of the Missouri School of Mines, who, having performed various feats for the medical department, were then properly clothed and domiciled in Colonel Welsh's Camp for Collegiate Cadets. Whereupon began the search for knowledge of soldiering. Major Lentz began this training in infantry drill by the introduction of his famous leather-lunged cadence system, altho one of the majors present objected to "so damn much noise." Another joy spot of camp was Colonel Mumma's rifle range and it is said that such hills as there are in Minnesota are still reverberating to his vocal booming, "With Ball Cartridges Load!"

Engineer training under the direction of Lieut. (now Capt.) Moore was far more agreeable, and the outfit keenly appreciated the instruction furnished by the Panama Snakefighter from Ames and the Iowan with the starched breeches. Demolitions, trenches, entanglements, reconnaissance, sketching, and bridges filled the program for the engineer platoon, D-3, which consisted of Engineer students from Iowa U., Ames, Kansas U., and M. S. M., under the excellent leadership of Lieut. H. J. Casey. In connection with the construction of a pontoon bridge across the Minnesota River, a boat race using the cumbersome and awkward pontoons was held. This race was won by the Miner's stalwart crew, consisting of Coxswain Wightman, with Cammack as stroke and Slates, Mariner, Livingston, Hodgdon, and McCauley wield-

Continued on page seven

WELCOME.

It has been said (with a greater or less modicum of truth) that "the pen is mightier than the sword." The Miner is taking the liberty of assuming, from this, that the printing press is at least as mighty as the paddle—and probably far more congenial. At any rate, we are taking this opportunity of extending a hearty Miner welcome to the members of the newly-aorn class of 1930, and to those who come to M. S. M. from other institutions.

MINER DANCE, ATTENTION!

Be on hand at Jackling Gym next Friday night at nine o'clock to be entertained by Bill Schweickhardt's Varsity Orchestra in the first Miner Dance of the new season. Bring a date and a dollar and let those incandescent puppies loose.

CLASS OF '30 FINALLY INTRODUCED TO M. S. M.

After three days of suspense, shanghai-ing, desultory fighting, and argument, the class of 1930 is at last a component part of M. S. M.

Last Thursday night the campus rang to the rallying shouts of both '29 and '30, as 70 frosh and 40 sophs tore up the lawn in front of the Met. Building in frantic endeavors to tie each other up. At the end of that fight, the sophomores vowed to Allah that henceforth the members would be even in any and all differences. The resulting shanghai-ing drive brought forth loud lament from everyone except the shanghaied ones! However, the campaign was effective to such an extent that only about forty-five freshmen showed up Monday morning for the final set-to. They put up a game fight while they lasted, but numbers and organization proved too much for them. It was the beginning of the end; the "end" being the circus. And what a circus!

It was undeniably the best circus of its kind that has been put on at M. S. M. for some time. There were rotten eggs—"nigger" fights—impromptu proposals to the handiest girl in the crowd—fly-paper parades leap-frog—all to the accompaniment of the paddles. There were as many "rings" to that circus as there were

FOOTBALL PRACTICE IN FULL SWING.

With the initial game only three weeks off, Coach McCollum has been sending some fifty aspirants to the Miner eleven thru a stiff first week's workout. Light practice came to a close Friday when the squad indulged in scrimmage until after dark, sending more than a few cleated warriors home with some bruises to nurse.

Nine lettermen once again donned the moleskins and the Golden Jersey to fight the Miners' battles on the gridiron. Captain Lee, Thomas, Lemon and Ledford returned to complete last year's backfield quartet that played a major part in scoring for the McCollum machine. Berry, letter man of the '24 season, has also entered the competition for a backfield berth on this year's eleven.

Young, at the pivot position, R. Johnson, guard, G. Johnson, tackle, and Allebach, end, also returned from the '25 letter men. The absence of Gladden, Mike Ledford, Captain McBride, and Nolen, of last year's squad will leave plenty of openings for Coach McCollum to bolster up with new material.

With five letter men for a backfield nucleus Coach McCollum is concentrating his efforts on developing a strong forward wall to support the flashy ball toters. Morgan, Miner tackle, is due in school this week, and he will go a long way toward relieving Coach McCollum of his worries about the frontal defense.

As yet it is too early to predict the calibre of the new men on the squad, but a number of them have already shown proficiency with the pigskin that is encouraging.

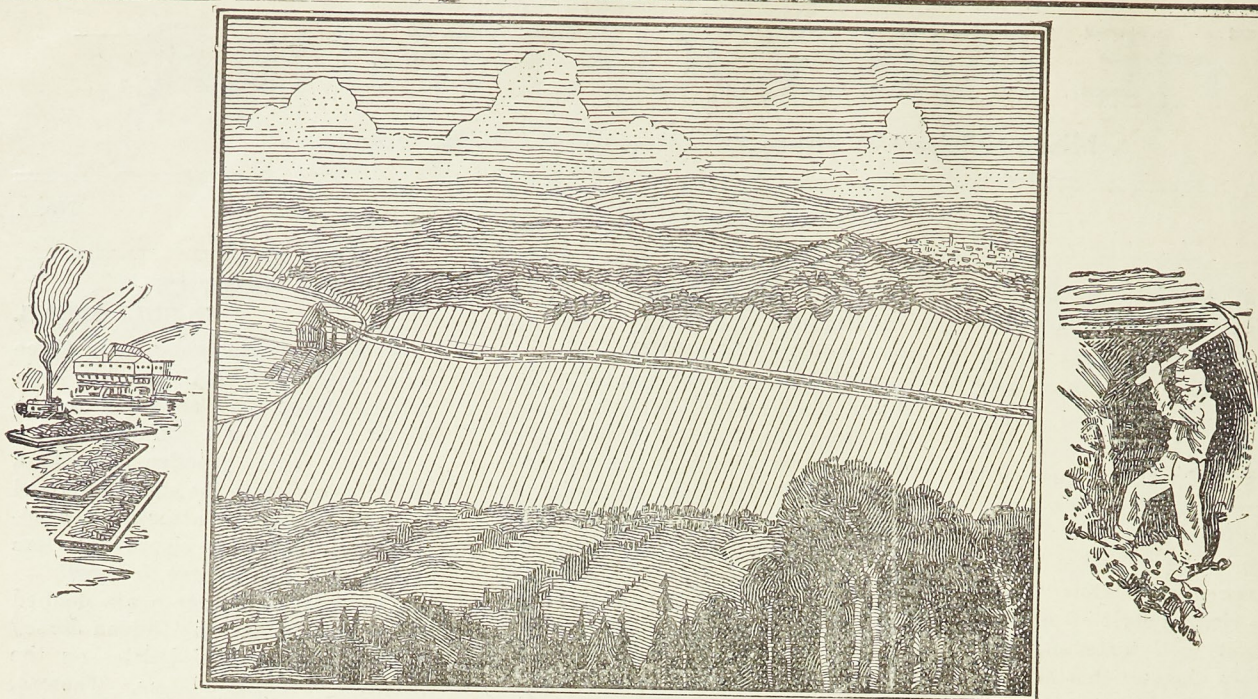
In addition to the letter men, last season's strong reserves are expected to furnish the Miners with considerable strength.

Freshmen; which was altogether fitting and proper.

Now (Monday afternoon) the defeated frosh are investing in their suspenders and caps. A year of comparative fun is beginning for them; their real tribulations will commence next fall—although they won't believe that in their present frame of mind.

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October 1—McKendree, Home.
 October 9—Washington U., St. Louis.
 October 16—Arkansas Aggies, Home.
 October 22—Kirkersville Osteo-
 paths. Home.
 October 30—St. Louis U., St. Louis.
 November 6—Evansville College, Evansville, Ind.
 November 12—Drury, Home.
 November 25—Springfield Teachers, Springfield.

FOOTBALL NOTES.

Jack Nolen, Miner's signal caller on the '25 team is now Physical Director and Athletic Coach at East St. Louis Junior High School.

The Washington Bears and the Miners meet early this year on the field of combat and advance reports credit the St. Louis clan with a strong team. Well that only makes it more interesting!

Evansville College signed a two year contract and are due in Rolla next fall.

The Miner-Teacher fracas in Springfield Thanksgiving is becoming an annual Turkey Day affair. Springfield papers herald it as the outstanding battle of the Southwest every year.

Wonder if St. Louis U. and their new coach will consider the Miners Golden Wave as a "practice game" this year?

Several husky linemen trod Jackling Field this year as freshman candidates. Watch them.

Prof. W. M. Herbst of the School of Mines at Essen, Germany, visited in Rolla on Monday of this week. Prof. Herbst is in this country studying the methods used by the various mining schools, and seemed well pleased with the work at M. S. M.

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A weekly paper published by the Students, in the interest of the Alumni, Students, and Faculty of the Missouri School of Mines and Metallurgy, Rolla, Mo.

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Issued Every Monday.

At this time we would like to put in a word concerning subscriptions to the Miner.

The question is merely this: do you, the Student Body, want a school paper or not? The Miner Staff is more than willing to do all the work it possibly can towards making such a thing possible; but all the work in the world suffices nothing at all without the financial support that can only be furnished by the subscriptions each year. There is a good deal of talk, at one time or another during the school year, about this so-called "school spirit." Now, school spirit amounts to a good deal more than getting out to a football game or a rally and shouting for M. S. M. The answer to just such questions as this is purely indicative of the amount of this "school spirit" present this September in The Missouri School of Mines.

Now then, you Miners—dig down, and come through! If you new fellows do not know just who to go to with the subscription money, ask one of the upper-classmen to direct you to one of the Miner Board.

EDITORIAL.

Editorials are sometimes written through inspiration or otherwise. This is one such. The "inspiration" in this case was the frosh-sophomore battle of Thursday night. (Judge the "divinity" for yourself.

First and foremost, we distinctly do not wish to be quoted as to "which side won." Emphatically, we do not know. It is really rather immaterial.

Just before one of these fights, anybody who keeps his ears open may hear divers cynical and philosophical comments to the effect that "the frosh can't win." That is more or less true; we are even daring to run the gauntlet of criticism by saying that they are not fighting to win—that it is not in the fitness of things that they should win. That has all the earmarks of a rash statement; but consider it for a moment, please. Behind this seemingly foolish class warfare there lies the deep-rooted principle of those who are newcomers proving their worth and steel to become accepted members of an institution of older and better men. It is neither expected nor desired that they should, primarily, win a fight. The inter-class warfare is merely the testing of the raw material for flaws before the finishing and polishing. Furthermore, newcomers into any organized form of society have a definite place where they should learn and keep. That is certainly recognized. And, in any school, the only means to such an end is the "class fight." There is reason in all things; and we very strongly doubt if the fighting and "freshman stuff" at the School of Mines this fall has been carried to an extreme.

THE OBSERVER.

Just a short time ago two notable men died; we refer to Dr. Eliot and Valentino. The contrast between the ceremonies attending the burials of these two men is striking. On one hand we see the mobs fighting madly to catch a glimpse of the pomp and glitter of Valentino's bier; on the other, there is quietness, simplicity and reverence, as the body of a truly great man was laid away under the whispering pines and spruces that he had loved so well in life. Eliot was a

MAN; Valentino a plaything. In a few years the world will have forgotten Valentino, the Sheik; but it will be many generations before the name of Eliot will be dropped into oblivion.

The Missouri highway situation seems to be improving. There's still room for improvement.

Incidentally, the town of Rolla has improved—or, at least, it is being improved. We see several readable street signs here and there; and the shoe factory is actually in operation. (Some if its personnel seem to be working both day and night.)

After a while the Frosh will have their green caps and suspenders as usual, and they will step back stage.

Then the football men will take the footlight position.

After that—quien sabe

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NEW ADDITIONS MADE TO M. S. M. FACULTY.

Upon the opening of school this fall many of us were greeted in our classrooms by new and strange faces in the faculty. There has been a very pronounced addition to the faculty, and it is to these that the Miner wishes to extend a very hearty and sincere welcome. We hope that their stay with us will be most pleasant and their associations agreeable.

The additions to the faculty are:

Dr. M. E. Holmes who comes here as the head of the Ceramics Engineering Department. Dr. Holmes has been previously engaged in Ceramic Industrial Development, being stationed at the Ohio State University Experimental Station of the Bureau of Mines at Columbus, Ohio. Dr. Holmes comes here after considerable academic work, having received his B. S. at Indiana University, and his Ph.D at Cornell.

Mr. P. A. Willis has been appointed Assistant Professor of Mechanical Engineering. He was previously located at the Kansas State Agricultural College at Manhattan, Kansas, being Instructor in Mechanical Engineering at that institution. Prof. Willis graduated from Billings Polytechnic School at Billings, Montana.

Mr. F. C. Farnham comes here as Instructor in Physics from New York University where he held a position of similar capacity. Prof. Farnham is a graduate of Nebraska Wesleyan.

Mr. M. H. Griffiths takes Prof. Henning's place in the English department where he is Instructor of German. Prof. Griffiths received his degree from the University of Michigan and comes here after holding a position on the faculty of that institution.

Mr. Ivan L. Hebel, the new instructor in mathematics, comes here from Colorado University where he received his degree and later held a position on the faculty of that University.

Mr. A. Vern Kilpatrick is another new instructor in the Mechanical Department. He is a graduate of the State College at Brookings, South Dakota. He will hold the position of Instructor in Mechanical Engineering here.

There have also been appointed three assistants. C. D. Cordry has been appointed graduate assistant in Economics, having come from Western State Normal School at Kalama-

zoo, Michigan. M. K. Underwood, who graduated at M. S. M., is the new assistant in Biology, while J. Maple Wilson, also a graduate of M. S. M., is the new graduate assistant in Chemistry.

METALLURGY SPEEDS UP SUBMARINE CABLING.

Submarine cables for decades were the only nerves of communication that linked America with Europe and made it possible to dispatch a message and to receive within an interval of minutes even though thousands of miles of trackless ocean intervened. The Atlantic cables have long served to promote cordial international relations, to develop foreign trade, and to remind the traveler that he was not beyond the reach of his friends or relatives despite the fact that seemingly limitless space lay between them.

In the earlier days, the Atlantic cables were slow means of communication when compared with the rapidity with which telegraphic messages could be flashed to and from upon overland wires. The difference in speed of transmission was due to an electrical phenomenon, called "capacity," which obstructed the passage of the signaling impulses through the insulated, armored, subaqueous cables. The bugaboo of "capacity" has been battled with by electrical engineers in various ways and with different but increasing measures of success. Finally, the metallurgist has come to the rescue, and has latterly produced a combination of nickel and iron, known as permalloy, that now makes it possible to dispatch 2,500 words a minute where once upon a time it was practicable to transmit only 60 letters per minute.

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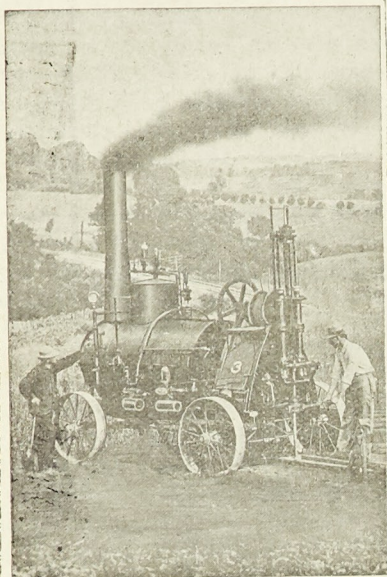
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