



30 Oct 1935

## The Missouri Miner, October 30, 1935

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# THE MISSOURI MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME XXII.

ROLLA, MO., WEDNESDAY, OCTOBER 30, 1935

NUMBER 7

## C. J. MILLAR GIVES TALK

Head of Biology Department Addresses Freshmen on "Life" at Weekly Lecture

Life is an indefinable thing. Prof. C. J. Millar, head of the Biology Department, stated in the Freshman lectures last Thursday. Biology is the science of living things, he said, but we don't even know what life is; we can only describe it. The situation suggests a question: How did life come to be on earth. The older theories are that God created it all at once, or that life comes into being spontaneously.

For instance, a formula given for producing mice spontaneously was to fill a barrel full of trash, cheese and wheat. In the course of a certain mystical number of days mice would appear in the barrel.

The latest theory of the origin of life is that it came from other planets, or from the depths of space.

Many chemists have tried to synthesize life, but it is hard to tell when they have succeeded. Some say that when we have learned enough chemistry and physics, we will be able to synthesize life.

Others believe that a vital spark is necessary. At present, we may say that life only arises from pre-existing living material. This brings up the subject of reproduction.

Reproduction is of two kinds: asexual, performed fission, budding, or fragmentation; and sexual which is accomplished by the union of two gametes to form a zygote or fertilized egg cell. Asexual reproduction is chiefly characteristic of plants, tending to run to a type. Sexual reproduction is characteristic of animals, with more tendency toward variation. Inbreeding of animals tends to cause the same result as asexual reproduction—the strengthening of type characteristics.

Reproduction is but one of the characteristics of life, which may be listed as follows: Metabolism, life cycle, reproduction, resistance to disease, definite chemical and physical composition (cell structure), adaptability, and reaction to stimuli.

If we cannot define life, then, perhaps we can define death. It is the permanent impossibility of living again. Of course, there may be temporary death, after which life continues. People drowned and to all appearances quite dead may be resuscitated, and frogs and fish have been frozen solid, and then thawed back to life. Typhoid germs have been frozen for two years and brought back to life on thawing.

In general, the more specialized an organism becomes, the more liable it is to die, and, vice versa, the less specialized they are the harder they are to kill. White blood cells may remain alive for several hours after death, and whiskers will continue growing for several days. Turtle hearts may continue to beat for thirty-six hours after being cut from the body.

In conclusion, he stated that life is the least known of all natural phenomena and death is just as mysterious.

Drake University definition of a blind date—it's like a bee, either you get stung or you get a honey.

Table tennis is rated at four times as fast as outdoor tennis.

## R. M. CARPENTER WEDS KIRKWOOD, MO., GIRL

Mr. and Mrs. Monte C. Spiro announce the marriage of their daughter, Miss Theresa Farmer to Mr. Robert M. Carpenter on Thursday, Oct. 17, at their home in Kirkwood, Mo.

Mr. Carpenter was graduated from the School of Mines in 1934. He is a member of the Sigma Pi Fraternity, and is manager of the Meramec Theatre at Sullivan, Mo.

Mr. and Mrs. Carpenter will make their home in Sullivan.

## DR. BROWN TO LECTURE

Illustrated Talk to Cover "140 Million Years of Dinosaurs" by Noted Scientist

Dr. Barnum Brown, paleontologist and geologist, will give a lecture at the Auditorium in Parker Hall on Tuesday, Nov. 5. The title of the lecture will be "One Hundred and Forty Million Years of Dinosaurs."

Dr. Brown is a graduate of the University of Kansas, he also did one year of post-graduate work at Columbia University. After graduating from the University of Kansas, he joined the scientific staff of the American Museum with which he has been affiliated since 1897.

He has spent almost forty years of almost continuous exploration for the American Museum and his Alma Mater. At one time he conducted a continuous exploration in the Near and Far East, Ethiopia, India, Kashmir, and Berma, securing large collections for the American Museum, and a wealth of fascinating lecture material. He excavated the first dinosaur for the American Museum, and the great Halls of Fossil Reptiles have been built up under his direction. His explorations in the Americas have taken him from the Arctic to the Antarctic.

He is author of, and has made many contributions to magazines and scientific subjects. Many of his articles have appeared in such journals as the "National Geographic", "Scientific American", "Natural History" and the Bulletins of the American Museum and the Geological Society of America.

Dr. Brown is a man of wide experience and authority. His lecture should prove to be a most interesting one.

## INDEPENDENTS HOLD BUSINESS MEETING

A large attendance was had last Thursday evening at the Independent meeting held in Parker Hall. Dues were fixed at fifty cents per person for the year. The dues will cover admission to the usual dance held at St. Pat's. It also covers the athletic assessments which are charged for referees. Only those who have paid their dues will be allowed to participate in Independent athletics.

This year it is planned not to collect any money at the gate at St. Pat's. Those who have paid their dues will be admitted to the dance, other Independents will not.

There are at least two members of each class who are authorized to collect dues. They are as follows: Freshmen, Mooney and Dieffenback; Sophomore, Kuhlman and Siebert; Juniors, Harr and Barclay; Seniors, Prange, Schwalbert and Fischer.

If you do not have fifty cents to

## DANCE WILL BE NOV. 16

St. Pat's Board Decides to Take Steps to Prevent Door "Crashing" at Dances

The St. Pat's Board held its regular meeting on Wednesday, Oct. 24, and tentative plans were made for their next dance to be given Saturday, Nov. 16. All arrangements are being made with hopes that a novelty dance will be possible.

As a result of the number of students "crashing" the Homecoming dance, the St. Pat's Board has been forced to rule that any one crashing any dance, or attempting to get in, by any means, without paying the listed admission price will be turned over to the office and disciplined by the Registrar.

The price of all dances will be the same all evening, and no reductions will be made after intermission. Therefore, the Board asks that anyone attending the St. Pat's dances, kindly do so without asking for reductions in the admission price.

## TRIANGLE FRATERNITY GIVES PLEDGE DANCE

The Triangle Fraternity held its annual pledge dance Saturday, Oct. 26. The affair was a success and delightful music was furnished by Joe Meyer and his orchestra from St. Louis.

The dance was chaperoned by Prof. and Mrs. Lloyd and Prof. and Mrs. Rex Williams. The honored pledges were: Melvin Nickel, Jack Glathaar, Herbert Johnson, Marion Alexander, Raymond Stewart, Charles Cameron, Harry Stogsdill and Gilbert Rector.

Among the guests were Mr. and Mrs. B. Clemmer and Mr. and Mrs. N. Coffman, Mr. and Mrs. A. J. Hoeman, Mr. and Mrs. James Delaney, and "Toby" Prevallet.

## MEETING OF IRA REMSEN POSTPONED

Ira Remsen postponed a meeting this week in order to attend a motion picture shown in Parker Hall. The picture depicted construction progress at Boulder Dam and everyone agreed it was a very interesting picture.

A talk by Mr. E. L. Smith, concerning his experiences while working at a mill during the past summer was also postponed in order that the Society might see the picture.

Mr. Welderman, consulting chemical Engineer from St. Louis, will give a talk Nov. 13. The program commences at 7:30 and everyone is invited to attend.

spare, pay half now, and half the next month.

The Independent organization cannot operate without the support of its members. It is organized for the good of those men who do not belong to fraternities. All that is required for membership is that they pay their dues, attend meetings, and co-operate with the policies of the organization.

## SIGMA PI PLEDGE DANCE TO BE NOV 2

Sigma Pi Fraternity will give a dance, Saturday, Nov. 2, at their chapter house in East Rolla. The following pledges of the Fraternity will be honored: Robert Gregg, Robert Gardner, I. James Ulak, Rolf Roley, Robert Sickly, James Wilson, Robert Livingston, Robert Soult, Don McCarron.

The chaperones will be Mr. and Mrs. H. S. McQueen, Mr. and Mrs. Davis and Prof. and Mrs. Lloyd.

The Lincoln U. Collegians will furnish the music for the dance.

## TO INSPECT COAL FIELDS

Senior Miners to View Mining Operations in Southern Illinois Area on Trip

The Senior Miners left yesterday to attend the Fall Meeting of the Coal Division of the A. I. M. E. which is being held in St. Louis on Oct. 28 and 29. Besides the banquets and speeches which have been arranged, the Miners will visit the Southern Illinois Coal Field.

Among the operations to be seen are: The New Orient Mine, The Fidelity Mine, The Pyramid Mine, The Zeigler Mines and West Frank Plant of Dadiant Fuel Corporation (The latter is a low temperature carbonization plant).

At these operations the Miners will have the opportunity to inspect a Koppers Rheoloveur washery, a McNally-Pittsburg washery, a chance cone, a Stump air-flow cleaner and underground mechanization.

The following Miners are in the party: Ted Roes, B. Peebles, C. T. Millice, W. E. Denis, C. M. Jenkins, J. P. Rasor, F. Reinmiller, E. H. Reed, M. Spahr and J. W. Ruwwe. Among the Faculty attending the meeting and accompanying the Miners are: Prof. Clayton, Prof. Forbes and Prof. Hanley.

## MERCERS TO HONOR PLEDGES AT DANCE

The Mercier Fraternity will honor the following pledges with a dance Saturday night, Nov. 2.

The pledges are: Vincent Picco, Arthur Hausmann, Edward Dalley, Virgil Froussard, Harold Elliott, Stewart Lamere, Charles Q. Fitzgerald. Music will be furnished by an out-of-town orchestra.

## TAU BETA PI WILL ANNOUNCE MEMBERS

The Tau Beta Pi Honorary Society held a business meeting Thursday evening, Oct. 24. They elected the new Senior members and the new Junior members. They will announce the new men elected at the Mass Meeting in the auditorium Friday, Nov. 1.

Besides electing new members plans were drawn up for their Initiation Banquet and a committee was appointed to take care of this.

## TWO GROUPS SEE PICTURE

A. S. C. E. and A. I. E. E. Enjoy Film Showing Boulder Dam Construction Work

A motion picture of the Boulder Dam Project was shown last Wednesday evening in Parker Hall. It was shown through the joint efforts of the A.S.C.E. and the A.I.E.E. The show was received by an audience of about 150 people.

This picture was produced by the Department of the Interior. In 1904 the U. S. Reclamation Service began investigation of the Colorado River for the purpose of finding a suitable sight for the building of a dam for the control of the water in the Colorado River.

By 1918 the Reclamation Service had centered their activities at the Boulder Dam location. The Colorado was then surveyed and studied as never before.

On Dec. 21, 1928, President Coolidge approved the building of Boulder Dam and the all American canal, at an estimated cost of \$165,000,000. The spot chosen for the dam site is Black Canyon.

The purpose of Boulder Dam as set forth by Act of Congress is (1) to control floods, improve navigation and regulate the flow of the Colorado, (2) store and deliver stored water for reclamation of public lands and other beneficial uses, and (3) generate electrical energy as a means of making the project self-supporting.

The pictures showed the wall of the dam to be perhaps the largest mass concrete manufacturing job ever undertaken. Approximately two years and eight months were required to complete the concrete work. About three and one-half million cubic yards of concrete were used.

The dam is a curved gravity structure, designed for a maximum strain of thirty tons per square foot. The reservoir formed by the dam will be more than one hundred miles long and will be the largest artificial lake in the world.

The massive concrete wall is 730 feet high and 1180 across the top.

The picture showed the excavation for four gigantic tunnels, two on each side of the canyon walls, and each fifty feet in diameter. After these were completed, upstream and downstream cofferdams were built to divert the river so that the foundation for the dam could be unwatered and the foundation excavation made.

The diversion tunnels were shown being lined with concrete throughout their entire length of approximately 16,300 feet. Two of these are now plugged up while the other two became a part of the spillway system.

The penstock tunnels, one on each side of the dam, are thirty feet in diameter. Connecting power penstocks will be lined with plate steel conduit ranging in thickness from three-quarters to two inches.

A unique feature of the building of the Boulder Dam is the three-unit refrigeration plant of sufficient capacity to reduce from 47 degrees Fahrenheit to 40 degrees, the temperature of a flow of water of 2100 gallons per minute. Over 800,000 linear feet of 2-inch pipe and 16,000 couplings were used. This means that approximately 160 miles of pipe were used for cooling purposes alone.

The average rise in temperature due to setting of concrete is about 40 degrees Fahrenheit above the placing temperature. About 700

See BOULDER DAM Page 6

## 1935 FOOTBALL SCHEDULE

OCT. 5 — MINERS 6; McKENDREE 0.  
OCT. 11 — MINERS 0; ST. LOUIS U. 38.  
OCT. 19 — MINERS 2; SPRINGFIELD 7  
OCT. 25 — MINERS 6; WARRENSBURG 20  
NOV. 2 — MARYVILLE AT ROLLA  
NOV. 8 — OKLAHOMA CITY U. THERE (NIGHT)  
NOV. 16 — KIRKSVILLE AT ROLLA  
NOV. 22 — CAPE GIRARDEAU AT CAPE



## THE MISSOURI MINER



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Managing Editor .....	O. K. Holman
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## FACULTY ADVISER

.....DR. J. W. BARLEY

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## HONOR

The honor that goes hand in hand with the successful scholar is temporary until it is made permanent by the acknowledgement by authorities on the subject of the fact that he has accomplished the unusual.

The invitations to membership that were offered last week by Phi Kappa Phi to those members of the class of '36 are indicative of the appreciation of those men who have enjoyed the same success, of the effort that was necessarily put forth by these Seniors to attain the heights of scholastic achievement they have reached. Theirs has certainly not been an easy task.

Being affiliated with such men of high standing in an organization whose requirements for membership are so rigid, will stand each of these undergraduates in good stead throughout his engineering career.

We take great pleasure in congratulating our classmates on their success.

## LET 'EM HAVE IT!

With two more home games remaining on the schedule, and three conference games in all, we need the complete backing of the student body to show these teachers that the Miners are full of fight even with the championship practically out of sight.

What's the matter with having a bonfire Friday night and getting not only the Freshmen out, but every upper classman as well?

This will be the Miners first opportunity to show what they really have, and with one hundred per cent backing, we have no doubt that the previous results will be reversed.

Our cheering section has been incomplete at every game so far this season, and the co-operation the cheer-leader has received has been negligible. Let's give the boys all the backing they deserve, and be assured Maryville will go home with the short end of the score.

What has happened to the Student Directory that has been the subject of such great controversy this year?

Some 9,100 miles will be covered by Colgate's football team this season. Colgate now wears the mantle of Notre Dame, in Knute Rochne's time, top marathon gridsters.

A honeymoon in Africa is the wedding present of a recently married University of Iowa co-ed—it was the end of a ten-year courtship.

Fielding H. Yost, director of athletics at the University of Michigan, and A. A. Stagg, football coach of the College of Pacific, were recently given the silver buffalo, highest honor extended by the Boy Scouts of America.

John Germ is interested in bacteriology. He's written Ohio State University for information relative to a course in that subject.

A Royal Charter and the title of Queen Mary College has been granted to East London College in the University of London.

Students at the College of William and Mary can't engage in any airplane activities unless they have permission from the college authorities.

The largest delegation of students from any foreign country to the United States comes from China.

## FINDING GOVERNMENT JOB DEVELOPS INTO PROBLEM

By Arnold Serwer  
(Associated Collegiate Press  
Correspondent)

At least once a day the secretary of any government executive of a New Deal agency, no matter how minor his ranking, finds a dozen letters in his mail from recent college graduates, running somewhat in this vein:

Dear Mr. Gleep:

One of my friends, a Mr. Smith, who is a friend of a friend of yours a Mr. Jones of the Civington Kentucky Joneses, has suggested that I write you in regard to a job with your division, the legal division of the Federal Administration of Emergency Entomology.

Now, although I am not a lawyer, let alone knowing anything about the laws having to do with entomology, I am a recent graduate of Oklahoma University, having majored in Anglo-Saxon and Norse. What I don't know about Beowulf never happened to him.

Well, I need a job badly. I never took entomology and what's more I don't know what you need a legal division in your bureau for, but I feel sure that what I know of the legal code of Athelthrotel the Allwet, king of the Northumbrians, would stand me in good stead in your department.

Or, I could be a useful office executive of some sort, engaging myself in working out methods to file paper clips correctly. Is there anything more annoying to a high-powered man like yourself than to have to lose your dignity and your temper, hunting through a bowlful of seventeen different kinds of clips for an elliptical one, with only square, rectangular and round ones turning up?

I know I could be useful to you. And I am willing to study law or entomology, or both, at night. Please let me know if you can use me.

Very truly yours,

Baxter Milbury

Mr. Milbury hasn't much of a chance with the New Deal agencies. For a minor clerical or office job he has to have either political sponsorship or, to get in some bureaus, he has to have Civil Service status. For a better job, he has to have technical or professional training of some sort and some proof of his ability in some specialized field from which men are being drawn.

If he is a fledgling lawyer, with a good academic record, and, more than that, a recommendation from one of his law professors to someone doing important executive work in Washington, his chance for a job in the capital is fairly good. The AAA, the FERA, the Re-settlement Administration, the Department of Justice, the Federal Insurance Corporation, and a number of other bureaus may have something to offer in their legal divisions.

Engineers' best opportunities lie with the Re-settlement Administration in their field offices, or with Rural Electrification, or with field offices of the Works Progress Administration. Architects, to a considerably lesser degree, may find work with the planning sections of these departments.

Economists, with specialized knowledge of public utilities, labor conditions and problems, market prices, or statistics usually come armed with letters from former professors to executives of the Security Exchange Commission, the Department of Labor, the National Labor Relations Board, the AAA, the Farm Credit Administration, and to the WPA.

The statisticians have been especially in demand, in the past, and good ones have always an even chance. Mountains of statistics are compiled every day by droves of government statisticians. The amount of statistical information about the trends of prices, employment, industrial activity, etc. in this country, added in the past three years to what was already known, is staggering. It takes an army of statisticians to compute what is going to be done under the New Deal, month by month, in

terms of employment and expenditures, plus another army devoted to carrying on statistical research.

Accountants have been finding employment with the Department of Justice and the Treasury Department aiding in investigating income tax returns. Every New Deal office has had occasion to use many of them steadily, others temporarily. In many cases investigators sent out by such agencies as the FERA and the WPA, Rural Re-settlement and AAA are accountants, with some legal training.

Graduates of colleges and departments of journalism are having more difficulty than any other professionally trained group in finding posts in Washington. It is true that the New Deal has created a great many new press sections for its new agencies, but in almost every case the person hired is a seasoned, experienced newsman.

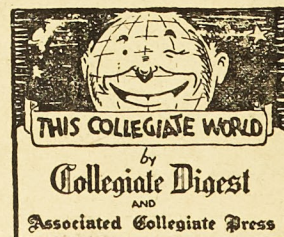
The novice has to compete with men of years of experience, men often nationally known, in order to get a job. Moreover, even the biggest agencies use no more than three or four people to turn out releases, or to handle their organization's relations with the press.

As for the college graduate with a general letters and science background, his only chance is to fit in somewhere on the strength of some strong minor he took as an undergraduate. Many persons at Washington are doing work that they didn't devote most of their time to at college, but in which they showed more than a passing interest.

English majors, who discovered a secondary forte in statistics, are gathering them for Federal agencies. History majors, with a good background in sociology are doing sociological research for government departments. And the interesting thing is that the subject that was once their second choice is now the field they plan to make their lifework.

Getting a job in Washington means a campaign, often a long one. It has to be well thought out to have any chance of being successful. And frankly, if you're a Mr. Milbury, the odds are greatly against you. Even if you're good in your field, it may still very possibly be true that there are far more opportunities for you at home, or in cities nearer to you, than in Washington.

Washington is unfortunately somewhat like Hollywood in that often an accident gives you a job or keeps you from getting it, or takes it away from you, if you do get it!



The Colleges, of all places, are showing a drop in literacy, says Barnard's Dean, Virginia C. Gildersleeve. One wonders. There is little question about the illiteracy; one wonders merely if it is on the increase. It seems to us that college society, like any other, is divided into literate and illiterate, has always been so, and probably always will be. There is in any college a certain fixed proportion of students who never read anything if there was possible avenue of escape, and there is always a contingent of omnivorous and intelligent readers.

"Instead of taking things in through the eye and becoming familiar with the aspect of English words," says Dean Gildersleeve, "they take them in through the ear by the radio and the movies. This has a lamentable effect on their spelling and on some other aspects of their writing."

"Are we right in feeling that the present student is rather more illiterate than were the students of the past," Dean Gildersleeve continues, "Has this condition, if it exists, much to do with our college requirements, or does it grow out of the state of affairs noticed in the schools also—that is, the rapidly diminishing amount of reading done by our young people?"

The radio and the movies have of course raised figurative and literal hob with the status of learning in these United States. There is no simpler way of obtaining information than that offered by the radio, just as there is nothing that affords amusement with less intellectual effort on the part of the audience, than the current cinema. Not that either of these two praiseworthy phenomena is intrinsically debasing; it is merely that they both depend for success on an appeal to the mass mind, and the level of the mass mind is found at about fourteen years. So—

But there are worse things to come, say the scientists. The only barrier between us and illiteracy is the American press, specifically the newspapers. The country is full of people who read nothing but newspapers. Already radio is encroaching on the news field; it is easier now, in some instances, to get one's news over the air than it is to read it for yourself.

And what of increased radio activity in this field, my masters, and what of television?

Imagine the alert television reporter, broadcasting pictures and a running description of, for instance, a session of the United States Senate, complete with sound effects. Who'll read the newspapers then? A few people surely; there is some truth in the often-repeated statement that "the newspapers will never go." But the people they will cater to in the future will be those who want interpretative and background material, matter that can never be instantly prepared.

Mr. Joe E. Moore, of North Carolina State College, is an enterprising fellow, and a gentleman of parts in the psychological field. He has recently published, in the Journal of Abnormal and Social Psychology, a treatise giving the results of an experiment he undertook to discover the annoying habits common to the college professor. Mr. Moore had a class of 123 elementary psychology students study 112 professors for two weeks and then turn in a report on the teachers' annoying habits and mannerisms.

Twenty-five unpleasant things were listed. Heading the list of mortal sins, according to the testimony of seventy-six students was "rambling in lectures." Then came "Twisting mouth into odd shapes," with sixty-three earnest young psychologists recording the aversion to this pleasantry. "Frowning" came next, with fifty-five votes, then "Playing or tinkering with objects"—type of objects unspecified—and next, "Cocking head" pulled an even fifty votes. The list runs on like that for quite a little while, various attitudes and mannerisms being listed.

There are professors who did not know, perhaps, that "standing in an awkward position" is very painful to some students, and definitely retards their concentration. Similarly, your careful pedagogue will not "walk around too much" nor will he effect "odd color combinations in clothing." And it is de rigueur to speak in "complete statements" and not scratch the head nor "talk too low."

What with salary waivers, eight o'clock classes, recalcitrant and bone-headed Freshmen, and the high price of pork, life was hard enough before.

The commencement address at Niagara University will be given by Postmaster General James A. Farley.

Guglielmo Marconi, inventor of wireless telegraphy, is now professor of electro-magnetic waves at the Rome University.

Advertise in The Miner



T. 30, 1935  
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# MODERN BARBER SHOP

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## THRU THE TRANSIT

By Flash, who has turned Re-  
publican



Well, we can say for sure that these here Democrats certainly know how to toss 'em. We have seen brawls, and then we have seen brawls, but we have never seen anything quite like the one at the Pennant last Saturday night. (St. Pat's excepted of course). After that one last Saturday one wonders whether there are any Republicans left in this section of the hills, and if so, why?

A spicy bit of news was heard about our good friend R. E. (House of David) Schneider, and one of the town boys last week.

It seems that the boys went out for a little joy ride and picked up a high-hiker. The boys evidently couldn't see very well, because when they arrived in town they discovered (to their surprise) that the hitch-hiker had turned out into a barnyard species of swine. They had quite some time cleaning out their car. How much perfume did you use boys?

Fager, we just can't seem to keep you out of this dirt column, but when a guy goes to see his gal at Dixon, do they generally get on top

of the piano, and give an imitation of Sally Rand? How about a few telephone numbers Fager?

That must have been some party at Fox Lodge the other night because the next morning one of "Ye Eds" pals from that section came in looking for him. It seems that Sonny got the wrong clothes and his pal wanted to trade with him. How about inviting us for the next one?

The Triangles must have had a quiet party last Saturday night, cause we haven't heard a thing out of the way about them. Come boys loosen up a little.

The C. E. office has been the scene of quite a few bull sessions lately. We wonder why? One of the profs. has issued an ultimatum that these bull sessions stop. Come on prof. gives us a break, we haven't had an attraction like that in this school in quite some time.

A big week-end is on the horizon. What with the Merciers and the Sigma Pi's both having a dance, so maybe this correspondent will have a little more dirt to sling next week than this one.

### ALPHA PSI OMEGA TO GIVE PLAY, DEC 12

"The Tightwad, a comparatively new play, has been chosen by the Delta Pi Cast of Alpha Psi Omega for their first production of the year. It will be presented on the night of Dec 12, before the audience of General Lectures patrons, and Alpha Psi Omega promises that the entertainment provided by this play will closely rival, if not excell, the high qualities of the General Lectures numbers to date.

The story revolves about a sweet young thing, Edna Taylor, who decides that her spend-thrift boyfriend, Tommy Jordan, should learn to save money. To that end she postpones their wedding date for the period of one year.

Of course Tommy sets out to convince Edna that he can do anything she wants him to do, and when the end of the year rolls around he has fully convinced not only Edna, but everyone else in the community, that he can save money. Edna's brother, Elmer, on the other hand, has a difficult time trying to save up enough money for a dress suit while courting the scatter-brain gold-digging beauty next door, Mayme Harris.

Pa and Ma Taylor merely hope for the best, and when the best appears to have arrived for Pa Taylor, he promptly quits his job, hires servants, and assumes the role of a retired business man, whereas he was more nearly the "tired" business man.

The play is full of humorous situations and clever "wise-cracks" and a thoroughly enjoyable evening is promised.

The cast includes six men and five women. Tryouts will be held in the Auditorium in Parker Hall at 7:30 p. m. Friday night, and rehearsals will begin on the following Monday. All students, particularly the Freshmen and Sophomores, who are interested are urged to report. Actors, property men and business men are needed, and activity in any one of these three fields is credited toward admission to Alpha Psi Omega.

ALLISON  
The Jeweler

### A.I.M.M.E. HEARS TWO PROMINENT SPEAKERS

The MSM Chapter of the Missouri Mining and Metallurgical Association was honored to have as speakers last Friday, Mr. John Bowles, graduate of M. S. M., class of 1918, consulting engineer for the H. L. Hollis Company of Chicago, and Dr. H. A. Buehler, president of the A.I.M.M.E. Association.

Mr Bowles presented an interesting talk regarding his recent experiences in Honduras. This country, he said, has a rather limited supply of natural resources, a little gold being found in boulders which are picked out of streams in order to obtain the gold contained in them.

Dr. Buehler told of visiting various student chapters of the A.I. M.M.E. in the West and the South.

He also explained that of those engineers who are fired, 90 per cent of them are fired because they can't work with others, less than 10 per cent of them being ousted because of their technical ability.

Dr. Buehler presented the chapter with a generous sum of money which is to be used for prizes on papers.

### THETA TAU SELECTS PLEDGE CANDIDATES

Theta Tau met Thursday evening for a short business meeting to transact the weekly business.

The meeting dealt with pledge candidates and an announcement of pledge candidates is expected to be published at the next meeting.

Upward of 18,000,000 people are playing basketball throughout the United States.

Advertise in The Miner

LEE CORDUOYS  
\$2.98  
JACKET TO MATCH  
AT  
SCHUMANS

### A.I.E.E. TO VISIT BAGNELL FRIDAY

The members of the A. I. E. E. will make an inspection trip to Bagnell Dam this Friday. The party will leave in private cars about 9 a. m., returning about 6 p. m. the same day.

The group will go by way of Jefferson City, where it will stop for a short while and then proceed to the dam.

At the dam the group will be conducted through the power house by a guide, who will point out everything of special interest to coming electrical engineers.

Those who plan to go on this trip are urged to get in touch with K. O. Hanson immediately.

### ALUMNI NEWS

Dr. Charles Potter, '29, and Miss Florence Melva McKee were married Friday, Aug. 13, 1935. The marriage took place at Wheeling, West Virginia.

Dr. Potter is technologist of North West Virginia sub-divisional Coal Code Authority, located at Morgantown, W. Va.

P. D. Windsor, '22, and Miss Ida Toomey of Bellville, Ill., were married in Memphis, Tenn., on Oct. 5, 1935. Mr. Windsor is consulting civil and mining engineer of Belleville, Ill.

William P. Gotts, '23, and wife attended Mr. and Mrs. Windsor's marriage ceremony.

Henry F. Adams, '12, has left Inspiration for Tucson, Ariz.

S. Paul Lindau, '11, has left the employment of the Pacific Metals Company to accept a position with the Western Precipitation Company, 1016 West 9th St., Los Angeles, by whom he was formerly employed.

Clyde W. Hall, '14, is now vice-president and general manager of the United Clay Mines Corporation of Trenton, N. J. He was formerly production manager. Mr. Hall recently completed a three-week's trip of inspection through the clay-mining fields of Western Kentucky and Tennessee.

E. M. Lindenau, '26, is now manager of Mines Pamppa Grande for Mauricio Hochschild & Cia, Ltd., Estacion Moraya, Kil. 43, F. C. Villazon-Atocha, Bolivia. The property contains veins and lenses of lead ore, more or less vertical. The main problem is to follow the veins, which are badly faulted and poorly mineralized.

Rolla  
State  
Bank

Ray E. Kollar, '26, of the Carter Oil Company staff, has been transferred from Oklahoma City to Fairfax, Okla.

Lloyd R. Lacy, '30, petroleum engineer for the Phillips Petroleum Company has moved from Inman, Kan., to Seminole, Okla.

Charles Keyes Allen, 69 years old, ex-'97, LL. B. '90, University of Missouri, died July 14, at his home, 900 East Armour Blvd., Kansas City. He went to Kansas City in 1900 where he was assistant chief engineer of the water department, and later became a member of a consulting engineering firm and won distinction for workmanship on the Kaw River tunnel. He also gained national attention for bridge construction in 1932, and at the time he became ill in January, Mr. Allen was working on the forty-five million dollar sewage plant project now under construction in Chicago.

Guy V. Martin, '23, of Albuquerque, N. M., was a campus visitor during the latter part of September.

### MILITARY ELECTIVE AT N. Y. C. COLLEGE

R. O. T. C., long a violent point of controversy at City College at New York City is an unrestricted elective this term, and liberals are pointing to the change as a signal victory for them.

Previously, either hygiene or military science was compulsory.

### — THE BRAIN TEASER —

The greatest after-dinner pastime on this campus seems to be the solving of brain-teasers, which after being solved are of no more use than a solved cross-word puzzle. It is great sport even though it is a nutty pastime.

The Miner will publish one brain teaser each week, with the answer in the following issue. This will last as long as the writer can find teasers, or until he is taken up a dark alley for writing such stuff!

Read the teaser through once then solve it.  
Here it is: Suppose you are an

JIM PIRTLE  
Watchmaker and Jeweler  
Fine Repair Work a Specialty  
...39 Years' Experience...  
...29 Years in Rolla...

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DUNHAM & SNIDER  
Barber Shop  
YOUR  
Patronage  
Appreciated

VISIT THE  
Rollamo Soda Shop  
AFTER THE SHOW

BILLIARD CONTEST  
OCTOBER 1st to 31st INCLUSIVE  
STRAIGHT RAIL—3 CUSHION—SNOOKER  
SMITH'S BILLIARD ROOM

engineer on the Frisco Blue Bonnet. At the first stop the train makes after leaving St. Louis, two young women got on the train. They sit in the third seat from the front on the right hand side of the car, number 4. At the next stop one of the women gets off and 3 plain clothes detectives get on and sit in the eighth and ninth seats from the front on the left hand side of the same car.

At the next stop, four more women got on. They occupied seats five and six on the left hand side of the car. Two of these women were dressed in red. These two rode backwards. What was the engineer's name?

Support the St. Pat's Board

### PROGRAM

## ROLLAMO THEATRE

Matinee: 1:30 and 3:30

Night: 7:15 and 9:00

WED. & THURS., OCT. 30 & 31.

Dick Powell and Ruby Keeler in

"SHIPMATES  
FOREVER"

ALSO

Radio Revue "Lady in Black"

Latest New Events

Admission 10 and 36c

FRIDAY, NOV. 1.

Edmund Lowe in

"THE GOOSE AND THE  
GANDER"

with Kay Francis, George Brent  
Genevieve Tobin, Ralph Forbes

ALSO

"Shi-Scrappers"

"Beginners Luck"

Admission 10 and 25c

SATURDAY, NOV. 2.

MATINEE and NIGHT

"HARD ROCK HARRIGAN"

with George O'Brien, Irene Har-  
vey, and Fred Kohler

ALSO

"Time Out"

"Pictorial"

Chap. No. 7, "Law of the Wild"

Admission Matinee 10 and 15c

Night 10 and 25c

SUN. & MON., NOV. 3 & 4.

"THIS IS THE LIFE"

with Jane Withers, John McGuire,  
Sally Blane, Francis Ford

ALSO

"Dizzy Divers"

"Two Boobs in a Ball Room"

"Voice of Experience"

Latest News Events

Admission Matinee, 10 and 25c

Nights 10 and 36c

TUESDAY, NOV. 5.

BARGAIN NIGHT

"BAD BOY"

with James Dunn, Dorothy Wilson,  
Louise Fazenda, Victor Kilian

ALSO

"Would You Be Willing?"

"Topics"

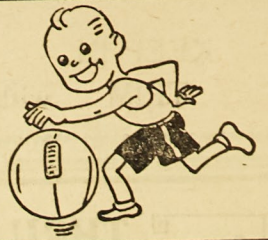
Admission 10 and 25c

or TWO for 10 and 36c





# SPORTS



## WARRENSBURG SWAMPS MINERS, 20-6

### McGREGOR SCORES ONLY COUNTER ON 80-YARD RUN

ENGINEERS' FUMBLES PROVE COSTLY

Slippery Fingers and Warrensburg's Whirlwind Passing Attack Combine to Let Silver and Gold Down in Lop-Sided Victory; Miner Marker Comes in Closing Minute of Play; Aerial Attempts Fail, While Teachers Complete 6 of 8

By R. C. Lange

Slippery fingers and a whirlwind passing attack by the Warrensburg Mules combined last Friday night to defeat the Miners by a score of 20 to 6.

It was heart-breaking football throughout the whole game, as the boys gained through the Warrensburg line at will, only to have their gains wiped out by fumble after fumble.

The only Miner score came with but one minute left to play with McGreggor taking a teacher kick-off on his own 20-yard line, and running the length of the field for a touchdown. Earlier in the game Jimmie was clear of the whole teacher team on a kick-off, but in trying to reverse his field to avoid the Mule safety man, he slipped and fell.

Pfeifer did all the Miner punting, and he did his job well, getting off beautiful punts some of which traveled 50 yards or more.

The Miners completed only one forward pass out of several attempts, but the teacher squad completed all but two of eight attempts, and gained 76 yards through the air as compared to 15 for the Miners.

The Miners were without the services of Mel Nickel, who remained on the sidelines with an injured shoulder, but "Stooge" Keisler calling signals for the Miners did as good a job as could be asked for.

#### First Quarter

The Miners received the kick-off and Schwab ran the ball back to his own 37 yard line. The Miners made a first down on three attempts at the line, and Jimmie McGreggor ran 17 yards through the Mules for another first and ten. The Miners then kicked to the Warrensburg 28 yard line, and on the first teacher play, Hammer quick-kicked to the Miner 6 yard line, catching the Miner safety as-leap. After a second quick-kick by Hammer to the Miner 12 yard line, Pfeifer retaliated with a kick to the Mule 40 yard line as the quarter ended with the score tied, 0-0.

#### Second Quarter

Brown on an end run made 12 yards, but the play was called back and the Mules penalized for offside. Hammer then kicked to the Miner 24, and when the Warrensburg defense held, Pfeifer kicked to the Mule 20 yard line. As Brown ran the punt back, a Warrensburg man clipped a Miner tackler, and the teachers were penalized back to their own 5 yard line. On the next play, Johnson fumbled the ball, and the Miners recovered on the Warrensburg 7 yard line, and it appeared that the Miners would score.

However, fate intervened, and on the next play Keisler fumbled on the Mule 10 yard line and Warrensburg recovered. After an exchange of punts, McGreggor and Keisler made 9 yards, just short of a first down, but on the next play McGreggor fumbled, and Warrensburg recovered on their own 47 yard line.

Hammer then passed to Van Horn for a gain of 28 yards, put-

Lineups and Summary			
Warrensburg		Rolla	
Borgstadt	L. E.	Pfeifer	
D. Newell	L. T.	Stella	
Ramsey	L. G.	Wilkey	
Allen	C.	Prough	
Harvey	R. G.	Mattel	
Woodfill	R. T.	Appleyard	
Van Horn	R. E.	Murphy	
Johnson	Q.	Keisler	
Brown	L. H.	McGregor	
Strange	R. H.	Schwab	
Hammer	F. B.	Plummer	
Officials	— E. W. Cochrane,		
Kalamazoo; Umpire, Ted O'Sullivan,			
Missouri; Headlinesman, Toddy Newman,	Wisconsin.		
The score by quarters:			
Warrensburg	0	7	0 13—20
Miners	0	0	0 6—6
First downs — Warrensburg 13.			
Miners 9. Yards gained in scrimmage, Warrensburg 205, Miners 138. Yard lost in scrimmage, Warrensburg 12, Miners 16. Punts, Warrensburg 8, Miners 9. Average punts, Warrensburg 40, Miners 35. Forward passes, Warrensburg 12, Miners 9. Passes completed, Warrensburg 8, Miners 2. Total yards on passes, Warrensburg 121, Miners 26. Penalties, Warrensburg 2, Miners 5. Total yards on penalties, Warrensburg, 10 Miners, 45. Fumbles, Warrensburg 5, Miners 7. Fumbles recovered, Warrensburg 8, Miners 4. Kickoff return, average, Warrensburg 17½, Miners 40.			

ting the ball on the Miner 26 yard line. Brown then made a right end run for a gain of 15 yards, and the ball was on the Miner 11 yard line. Brown passed to Bapst for a touchdown on the next play. Ramsay place-kicked the extra point, and the score was 7 to 0 in favor of the Mules.

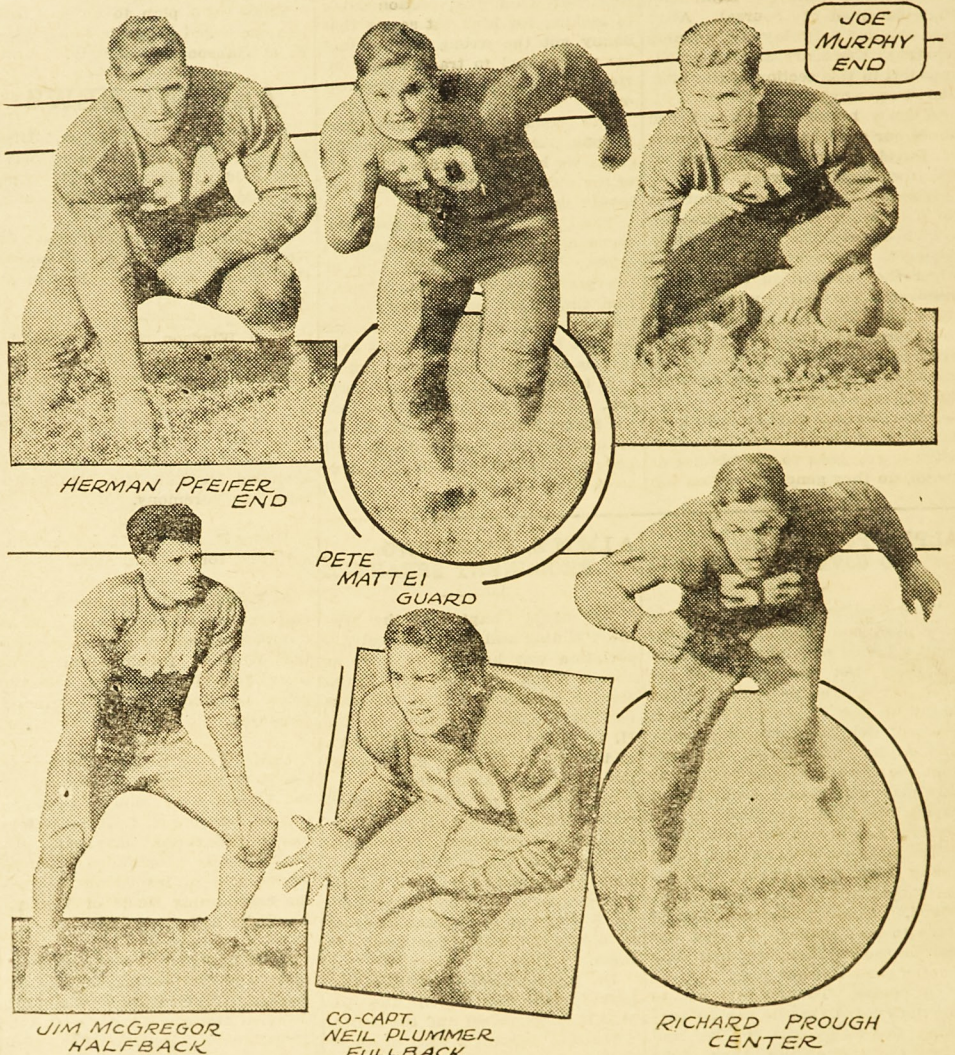
Hammer kicked to the Miner 10. After trying the line on two plays, Pfeifer kicked to the 50 yard line, and Brown ran to the Miner 40. On the next play the Miners recovered a Warrensburg fumble on the Miner 35. On a forward lateral play McGreggor to Pfeifer to Keisler, the Miners picked up 18 yards, placing the ball on the Warrensburg 47. Pfeifer fumbled on the next play, with Warrensburg recovering, as the half ended.

Score: Miners 0; Warrensburg 7.

#### Third Quarter

The Miners received the kick, and McGreggor ran it back to the 25 yard line. Pfeifer then punted to the 15, and Brown brought it back to the 25. Hammer then kicked to the Miner 35, and Keisler and McGreggor picked up nine yards through the line on the next two plays. On the next play Keisler fumbled the ball and Warrensburg recovered on their own 47.

### AFTER THE BEARCATS



Miner Stars who will see action against the Maryville Bearcats next Saturday afternoon on Jackling Field

After the Miners got the ball on a punt exchange, McGreggor then tried a pass, but Brown intercepted and was downed on his own 3. He then reeled off 15 yards on an end run, and Strange made 23 yards through tackle, bringing the ball to the Miner 26 yard line. Brown then went through tackle for 18 yards putting the ball on the Miner 8 yard line. Three successive tries at the Miner line netted the teachers only three yards, and when Ramsey tried a field goal on the next play, the kick was wide, and the ball was handed to the Miners on their own 20. Pfeifer then punted to his own 45. After trying the line, Hammer punted out of bounds on the Miner 23. McGreggor then made 7 yards through the line as the quarter ended.

Score: Miners 0; Warrensburg 7.

#### Fourth Quarter

McGreggor made 4 yards and a first and ten for the Miners, and

McGreggor and Keisler then alternated to make another first down. Another forward lateral, McGreggor to Folsom to Keisler netted the Miners 11 yards and a first and ten. McGreggor then made 15 yards on a lateral pass, but on the next play the Miner thrust was stopped as McGreggor fumbled, and Warrensburg recovered on the Mule 32 yard line.

Hammer then passed to Van Horn for a gain of 30 yards. Brown then passed to Strange for 17 yards putting the ball on the Miner 16 yard line. The Miners then were penalized 5 yards for offside, and on the next play, Hammer ran 11 yards for a touchdown.

Ramsay again made the kick good, making the score read: Miners 0; Warrensburg 14.

The Miners received the kick-off, and McGreggor appeared to be off for a touchdown, but he slipped and fell on the Mule 40 in try-

ing to evade the Mule safety. Borgstadt then intercepted a Miner pass on the Mule 36. Brown then ran around end for 13 yards. The Miners were penalized 15 yards for coaching from the bench, putting the ball on the Miner 30.

The Warrensburg attack was stopped cold, and the Miners received the ball on the 20 yard line when a Mule pass fell incomplete behind the goal line. McGreggor passed to Murphy for 15 yards, and on the next play, Pfeifer punted to the Warrensburg 29 yard line.

Hammer made 45 yards through the line placing the ball on the Miner 20 yard line. Brown then passed to Strange for a 13 yard gain, putting the ball on the Miner 7 yard line. Brown then made 6 yards, and then he went over for a touchdown from the one yard line. Ramsay missed the kick and

See FOOTBALL Page 6

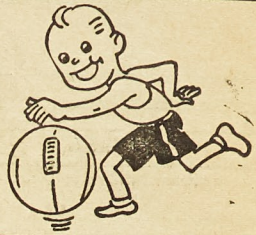
## HELLER'S CLOTHING HOUSE

in Rolla Since 1869





# SPORTS



## MINERS, MARYVILLE PLAY SATURDAY

### TEACHERS HAVE SPLIT EVEN IN 1935 CONFERENCE TILTS

#### SEVEN LETTERMEN ON RIVAL'S SQUAD

Although Silver and Gold Wins 1934 Contest, 18 to 14, Pre-Game Dope Rates Engineers' Aggregation as Underdogs; Northwest Teachers Said to Have the Most Sure-Fire Passing Combination in M. I. A. A. Loop

Swooping down upon the crippled Miners next Saturday, will come the Maryville Beareats, fresh from a tough last Saturday's game with Cape which broke up the three-way tie for first place in the M. I. A. A. race for gridiron supremacy. The teachers will be out for another conference win to boost them in the race and even more strongly will they be fighting to avenge last year's 18 to 14 defeat at the hands of the Rambling Engineers.

Although Coach Davis had only seven lettermen around which to build his present team, the number of aspirants for grid honors was large and likewise good. Then too, at the pivot position he has Luke Palumbo, last year's all-state center upon which to pin his hopes. The Beareats lost seven lettermen of last year's squad through graduation and to top this Buford Jones, conference fullback failed to return to school.

The Beareats started this season by losing their opener to the Nebraska State Teachers and then came back the following week to grab their first conference game from Springfield, 6 to 0.

If pre-game dope means anything the Miners will go on the field as underdogs due to the fact Springfield tripped up the Miners and Maryville took Springfield. Although quite often that type of dope is inclined to be all wet as grid followers know.

The Beareats will undoubtedly spring their zippy offensive, including many laterals, against the Miners. Maryville has, perhaps, the most sure-fire passing combination in the M. I. A. A. in the Rulon-to-Zuchowski combination. Their collaboration have won two games for Maryville thus far. There will be nothing one-sided about the game. If anything, the money will be on the Miners for they will be out there clicking to keep their place in the conference race.

The Miner starting team will be undecided until Saturday. The probable line-up for Maryville will be as follows:

Huntsman, L. E.  
Courter, L. T.  
Flander, L. G.  
Palumbo, C.  
Rouse, R. G.  
Livingston, R. T.  
Zuchowski, R. E.  
Rulon, Q. B.  
W. Moore, R. H.  
Yates, L. H.  
Bernay, F. B.

### BIBLE EXAM GIVES HISTORY NEW SLANT

Westminster College Freshmen of New Wilmington, Pa., put all they know about the Bible on paper recently, and here are some of the answers:

"The Epistles were wives of the Apostles."

"Revolutions is the last chapter in the Bible."

"Lazarus is a city in Palestine."

Approximately 85 per cent of the members of the Columbia University graduating class have obtained positions,

### 2 TIE FOR LOOP LEAD

By B. C. Compton

Kirkville and Cape Girardeau won important victories over the week-end, and are on the top of the M. I. A. A. heap. However one team will be pushed out of the lead Friday night when the two strong elevens clash at Kirkville. Both the Beareats and the Indians will be after their third win of the season and it is safe to say that the outcome will decide the 1935 M. I. A. A. champions.

#### Kirkville — Springfield

Using spinners, reverses, passes and good straight power plays, the Beareats walked, clawed and flew all over Coach McDonald's Bears and won by a top-heavy score, 27 to 0. Kirkville had the best of the battle all the way and was in no danger at any time. The defeat knocked all notion of an M. I. A. A. championship out of Springfield's collective domes, just as the Bears did the Miners a week ago.

Springfield travels to Warrensburg to play Coach Voltmer's Mules Friday night.

#### Cape Girardeau — Maryville

Cape Girardeau flashed a last-half comeback to score touchdowns in the third and fourth quarter for a 20 to 7 victory over Maryville last week to remain undefeated in the M. I. A. A.

During the closing minutes of the second quarter, Quarterback Rulon of Maryville passed to Zuchowski for 21 yards to place the ball on the 2-yard line, from where Rulon scored. Rulon place-kicked the extra point.

With a grand rush on the kick-off in the third quarter Cape marched to a touchdown without losing the ball, making four first downs, and Ralph Loyd scoring from the 1-yard line. Jim Parker knotted the count with a place kick.

During the early stages of the fourth quarter, dashes by W. Metje and Bona placed the pigskin on the 35-yard line. Bona evaded the Maryville defense for 33 yards to the 2-yard line and went over for the touchdown on a wide left-end sweep. The kick was low.

Bona scored the third Cape touchdown, with four minutes remaining, from the one-yard line. Parker place-kicked the extra point.

#### Warrensburg

The Mules meet Springfield Friday night in what they hope will be their second M. I. A. A. victory of the season.

### M. I. A. A. STANDINGS

Team	Played	W.	L.	T.	Pct.
Cape Girardeau	2	2	0	0	1000
Kirkville	2	2	0	0	1000
Maryville	2	1	1	0	500
Warrensburg	3	1	2	0	333
Springfield	3	1	2	0	333
Missouri Miners	2	0	2	0	000

### This Week's Schedule

\*Maryville at Rolla  
\*Cape at Kirkville  
\*Springfield at Warrensburg  
Oklahoma City at Arizona  
\*Denotes M. I. A. A. games.

### COMPTON SAYS

Football is a peculiar game! A team can go along for months and not fumble the ball, and then all of a sudden the backs go haywire and drop everything they can get their hands on. This was the case with the Miners last Friday night at Warrensburg. Time after time the Miners would march from 30 to 60 yards and then lose the ball on errors.

In the first game of the season, with McKendree here at Rolla, the Silver and Gold fumbled only two times. THIS GAME WAS PLAYED ON A MUDDY FIELD WITH A SLIPPERY BALL, and yet the Miners handled the ball wonderfully in the mud.

In St. Louis the Miners were up

#### Oklahoma City

The Goldbugs travel to Tuscon this week-end to meet the University of Arizona, after a week of idleness.

#### Past Results

Conference  
Maryville 6; Springfield 0.  
Warrensburg 13; Cape 16.  
Miners 2; Springfield 7.  
Warrensburg 9; Kirkville 10.  
Miners 6; Warrensburg 20.  
Kirkville 20; Springfield 0.  
Maryville 6; Cape Girardeau 27.

Non-Conference  
Warrensburg 0; M. U. 7.  
Maryville 0; Peru Tea. 7.  
Maryville 6; Rockhurst 13.  
Oklahoma City 0; Oklahoma A & M. 6.

Oklahoma City 7; Central 0.  
Oklahoma City 10; Wichita 9.  
Oklahoma City 0; Baylor 2.  
Kirkville 34; Carthage 0.  
Kirkville 7; St. Louis U. 37.  
Kirkville 34; Simpson 0.  
Cape 14; Terre Haute 0.  
Cape 7; Carbondale 0.  
Cape 32; Batesville 0.  
Springfield 13; Miami J. C. 14.  
Springfield 6; Tahlequah 18.  
Springfield 0; Maryville 6.

CALL 163

### THE FARMERS EXCHANGE

FOR POULTRY, EGGS  
AND GROCERIES  
—WE DELIVER—

against a much stronger team, were outweighed, and lacked the man power to outplay St. Louis U. Yet this game, played under a terrific handicap, did not produce the fumbles that the game Friday did.

Last week the Miners played Springfield, under the most trying conditions—a wet field and a slippery ball, and yet fumbled only twice. Then, Friday night on a dry field the Miners develop a case of fumbitis and consequently lose. Do you agree with one that football is a peculiar game?

The score of the game did not indicate the quality of the game. In the last quarter the Mules were winning by two touchdowns and the Miners threw discretion to the winds and opened up with everything they had in a desperate attempt to score.

As a whole the Miners played fine football and worked together more as a unit than anytime this season. The line was charging and the backs were blocking. Jim McGregor and Stooze Keisler did most of the running, while Schwab and Plummer cleared their way. All four men played excellently except on pass defense, which was ragged.

Stooze called a very good game for the first one of his collegiate career. Few people, and especially the side-line coaches, realize what a tremendous load a quarterback has on his shoulders. Ask Nickel if you want the answer.

McGregor broke loose several times and looked like he was well on the way to a touchdown when he either slipped or was nailed by a safety man. Co-captains Schwab and Plummer were the stalwarts in the backfield as they tackled John Brown, the sensational Mule back, time after time. The line, all the way from Murphy at one end to Pfeifer at the other, looked

far better than they have so far this year. Even the substitutes gave a good account of themselves.

Pfeifer was doing the punting for the Miners and did quite well at it.....a lateral, McGregor to Folsom to Keisler gained yardage for the Miners.....The famous Miner spread formation was used with success.....While McGregor was sprinting around 90 yards for a touchdown, the Warrensburg fans madly cheered him on..... Good sports, these MIAA fans.... Vance Wright was hit on the head during the game and was out of his mind until the next morning. Coming home, the bus ran out of gas between Jefferson City and Rolla, and the trip was delayed the better part of an hour..... The team stayed at Sedalia both before and after the game.....Sedalia is about thirty miles from Warrensburg.....The game was the feature of Dad's Day and the dads of the players sat on the field with their son's numbers in large figures on their back.....A drum and bugle corp paraded between the halves.....It was made up of the girls' Pep Squad, and surely was nice.

### PENN STATE FROSH PAY FOR RUSHING

Penn State Freshmen are paying for the privilege of being rushed by fraternities this year!

Contrary to the time-worn tradition, the Freshmen are being assessed a fee of fifty cents when they apply for date cards prior to the opening of the rushing season. Non-payment of the fee results in deferment of pledging for thirty days—should the yearling be asked to pledge.

The fraternity coffers will profit to the extent of about \$350 as a result of the new method, which has been successfully used at the University of Michigan and the University of Wisconsin.

"There must be no walking about the halls in the nude"—Edict issued at the University of Toledo. At the same time, the students were told to see that their curtains were drawn while dressing.

Joe Penner and his duck featured the entertainment at the Rutgers University Military Ball.

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## Special This Week on REMINGTON PORTABLES, at SCOTT'S--The MINER'S CO-OP and BOOK EXCHANGE

### FOOTBALL

the score was: Miners 0; Warrensburg 20.

Warrensburg kicked off and McGregor ran through the entire Mule team for a touchdown, a run of 80 yards. Stella missed the kick, and the score was: Miners 6; Warrensburg 20. The game ended a few seconds later.

Final score: Miners 6; Warrensburg 20.

### PHI KAPPA PHI NAMES ELECTIVES

Phi Kappa Phi took charge of the mass meeting last Friday morning. Dr. H. L. Dunlap conducted the meeting and gave a short talk about the purpose of the organization. He stated that very often on account of extra curricular activity a student will lose sight of high scholastic attainments.

However, some students do aspire to these high scholastic attainments. It is the purpose of Phi Kappa Phi to recognize those students who have made exceptionally good grades while in school and it is also their purpose to stimulate this high attainment in the classes below the graduating class.

The upper 15 per cent of the graduating class is elected to Phi Kappa Phi and the upper 15 per cent of each of the four classes are awarded book plates.

Phi Kappa Phi was originated at

the University of Maine in 1897. It is composed of the Seniors and the faculty members. It is non-departmental, is not a secret organization, nor is it a fraternity. It is an honor society. Election to this organization does not mean that the race has been won, but that it has just started inasmuch as these men who have been elected are to be the pace-setters in industry.

The members of the Senior Class who were elected to membership are as follows: E. J. Daily, E. C. Fliss, J. R. Hubbard, H. F. Michel, W. H. Schwalbert, E. L. Smith, R. H. Striker and A. E. Woerheide.

The faculty member elected was: Paul Howard.

The upper 15 per cent of the Class of '36 to receive book plates, in addition to those elected to membership, are as follows: L. W. Meyer, R. W. Simmons, J. C. Turk, and M. E. Tyrrell.

The upper 15 per cent of the Class of '37 to receive book plates are as follows:

W. F. Breuer, Wm. Busch, R. R. Carrola, W. W. Culbertson, Mildred Gevecker, L. J. Gleason, W. E. Luder, C. C. Massie, S. R. Prue, and E. W. Volz.

The upper 15 per cent of the Class of '37 to receive book plates are as follows: E. A. Ballman, L. W. Casteel, R. C. Cornett, H. A. Kneidler, H. W. Kuhlmann, J. H. Murphy, R. G. Prough, W. P. Ruemmler, R. C. Seibel, and F. W. Thompson.

### BOULDER DAM

B. T. U. per degree per cubic yard of concrete.

The cooling of concrete took six days after the concrete was placed. The temperature of the water entering the pipes was about 35 degrees Fahrenheit which reduced the excess heat of the concrete to about 72 degrees Fahrenheit.

Because of the tremendous quantity of concrete placed in this project, every precaution had to be taken to control the setting heat of the concrete in order to guard against shrinkage and cracks. This system of cooling in dam construction is probably the first of its kind ever used.

The picture was very interesting and entertaining, as well as instructive. There were numerous incidents when the projector ran more than sixteen pictures per second across the screen. This gave rise to incidents in which loaded trucks traveled around turns at a speed that appeared to be at least sixty miles per hour. Everyone felt that the evening was well spent.

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