



23 Jan 1935

The Missouri Miner, January 23, 1935

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THE MISSOURI MINER

MISSOURI SCHOOL OF MINES AND METALLURGY.

VOLUME XXI

ROLLA, MO., WEDNESDAY, JANUARY 23, 1935

NUMBER 16

CHURCH TO GIVE PLAY

Former Miner to Head Cast of Show to Be Held at School Friday and Saturday

Eugene Northern, a former Miner, will demonstrate his ability as a radio announcer in "The World's All Right" to be staged at Parker Hall this Friday and Saturday nights.

He is supported by a capable cast, Charles Tucker, Margaret Andrews, charming young matron who makes such an attractive Jane one cannot blame Jimmy, the announcer, for being in love with and wanting to marry her; Joe Long, whom one might well think to be a professional, and Joe Fey, a persistent bill collector.

The plot of the show carries through with the troubles of Jimmy Waddell, his financial worries and his difficulty in getting programs on the air. He is constantly harassed by talent walking out on him, annoyed by bill collectors and having to conciliate with those who do stay with him.

Joe, the dumb office boy, Charles Tucker, eventually saves the day for him by presenting an act that Joe Long, Mr. Dinkell, owner of Dinkell Pickles, Inc., buys for \$27,500. Joe is supported in his act by Frances Wommack, who plays Gertie Green, the vamp of New Orleans, and a chorus of Hi-Brown Strutters.

A quartet composed of Sam Smith, Leland Graft, Charles Tucker and Eugene Northern sing several songs.

"The World's All Right" has a Hill-Billy Act that is a riot from start to finish. This number stars Joe Long, Jack Adams, Dave Howerton, J. L. Harris, Edward Harris, Mack Hutchison, L. N. Reynolds, Walter Andrews, Huber Followill, M. H. Buckey, Louis Mottert and Ben Smith. These men, part of them dressed as women, sing several old songs, dance a square dance and pantomime, Frankie and Johnnie. You'll roar at the wiles of the lovely girls, Mack Hutchison, Dave Howerton, E. T. Harris and L. N. Reynolds.

Eight elaborately costumed chorus girls furnish beauty, pep and vivacity to the show. Several of the town's leading soloists are featured radio stars.

Reserved seats went on sale at Scott's Drug Store Tuesday morning. The play won national recognition in the November issue of the American Magazine as the most popular and widely-produced play for national entertainment.

Miss Betty Scherr, representative of the Universal Producing Co., is in town directing the production. Mrs. J. M. Morris is acting as the pianist and Mrs. Eve Trenkel is the general chairman.

Mr. and Mrs. Al Hobart announce the arrival of a baby daughter, Jan. 12, 1935. The daughter has been named Anne. Al is a former student, ex-'35.

The Budapest University has purchased an oak tree that is believed to be 1500 years old. It weighs twenty tons, and will be used for experimental purposes.

NO GENERAL LECTURES PROGRAM THIS WEEK

There will be no lecture on the General Lecture series of the School of Mines this week. Col. F. W. Green, vice-president of the Cotton Belt Railroad, who was scheduled to speak Thursday evening, finds that he cannot be here because of a Federal court case.

He will, however, speak to the General Lectures audience at some future date, the exact time to be announced later.

TO DISCUSS DIPLOMAS

M. S. M. Seniors to Consider Use of Silver "Sheep-Skin" for Class of '35

A. P. Koopman, president of the Senior Class, has been taking bids for silver diplomas to be presented to the Class of '35 instead of the regular sheep-skin. Four companies, three from St. Louis, and one from Colorado, have submitted bids ranging from \$6, each to \$18, delivered to the school. The difference in the prices comes, mainly, in the amount of silver contained in the sheet.

Those who were here last year remember that the Miner instituted the idea of silver diplomas to be presented in place of the sheep-skin. Colorado School of Mines students can be credited with the idea and the Class of '34 from that institution received the first ever to be presented.

If MSM decides to use the idea, it will be the second school to adopt the metal diploma. Since the institution is mainly a metal industries school, it is proper that some appropriate emblem be used to signify the completion of a course here. The metal diploma fills the bill quite well.

Mr. Koopman stated that a Mr. Bernard Simmer, representing the Stange Jewelry Manufacturing Co., of St. Louis, will be in Rolla Friday to speak to the Seniors about the bid his company is placing. Koopman stated also that he wished every Senior to attend the meeting so that a decision could be made on the proposition.

There has been some inquiry about class rings. These rings may be obtained through the Stange Co., and those interested may inquire of Mr. Simmer, Friday, as to prices and styles.

BECKMAN, BARDSLEY ADDRESS A. S. C. E.

The local section of A.S.C.E. met last night for another program in its series. Dr. C. E. Bardsley, presented an illustrated lecture on the construction of a dam he designed and built last summer in South Missouri.

Mr. H. E. Beckman of the Water Resource Division of the U. S. G. S. spoke on the plan for developing the water resources of the Missouri Rivers. Mr. Beckman has been studying this problem as a part of his duties with the Survey, and he gave a concise report of the progress to date.

Following the program, refreshments of hot dogs and coffee were served.

SECOND SEMESTER ENROLLMENT IS 340

Data on registration for the second semester had not been completely compiled when the Miner went to press Tuesday morning, but estimates made showed an approximate enrollment of 340. This is somewhat under the number registered last fall, but it represents a normal drop for the mid-year count.

The number that dropped out for the second term was considerably off-set by the registration of some new students and the return of others that had not attended the first semester.

Quite a few familiar faces were to be seen in Parker Hall Monday that had not been in evidence for a semester or more.

More complete details of the registration will be published in the Miner next week.

What's the Matter, Miners?

Last week, we ran, for the second time, a reader survey ballot which we asked you to fill out and deposit in the ballot box in Parker Hall. The Miner offered two dollars (\$2.00) for the best suggestion submitted with the ballot.

Here's your chance to make an easy two dollars. Let's see some action. If less than twenty-five ballots are turned in, the Miner reserves the right to cancel the offer.

3 ADDRESS MEETING OF SIGMA XI TUESDAY

The local section of Sigma Xi, graduate honor society, met Tuesday evening, Jan. 15, in the Geology Lecture room in Norwood Hall to hear lectures by Prof. Ratliff, Prof. Harris and Douglass Martin.

Prof. Ratliff spoke on the "Application of Photo-Elasticity to Engineering Problems." These tests consist of passing polarized light through celluloid or glass models of engineering designs. The models are put under stress and the change of position of the material, due to the stress on it, causes the polarized light beams to change so that the outline of the stress lines in the model may be studied or photographed.

The tests have opened up a new means of studying stress distribution in indeterminate structures.

Douglass Martin, student assistant in the E. E. Department, and operator of the M. S. M. radio station, spoke on the "Recent Radio Development on the M. S. M. Campus." Martin has been actively engaged since last spring in setting up the short-wave transmitter at W9DUM which the school purchased for the use of the students interested in radio engineering.

Prof. Harris of the C. E. Department talked on the subject, "Precision, Accuracy and Rational Guessing."

Following the talks refreshments of coffee and doughnuts were served. The attendance was good.

ALUMNI NEWS

Jed Burnham, '34, and Ellsworth Fort, '34, spent the past few days with Mr. and Mrs. Bert Fort. Jed is working for Shell Petroleum Corp., and is located at Marshall, Okla. Ellsworth is employed in the field by Phillips Petroleum

MRS. LUCY ARMSBY, DIES IN HOSPITAL

Mrs. Lucy Armsby, mother of H. H. Armsby, registrar, died at 2:00 o'clock Tuesday morning in the M. S. M. Hospital, after a brief illness.

Funeral services were held Tuesday afternoon at the Episcopal Church after which the body was taken to Pennsylvania State College for burial.

The Miner wishes to extend its deepest sympathies to Mr. Armsby in his bereavement.

GROUP WILL MAKE PLANS

Presidents of Societies to Meet for Discussion of Engineers' Day

A meeting of the presidents and representatives of the Professional Societies is to be called this week for the purpose of further formulating plans for an Engineers' Day for the Miners.

A committee will be appointed by Chairman Dutton to work in conjunction with the Board of Control and interested faculty members toward the completion of plans for such an affair which, if successful, will be made an annual occurrence on the campus.

The plans are to have exhibits by the student body, talks by noted lecturers on each branch of engineering included in the curriculum, and a general exchange of ideas between the students and men well versed in the problems likely to confront the student engineer upon his entrance into his own field.

The co-operation of the student body will be necessary to put over the plans that are at present under consideration, both in formulating and carrying them out, and any suggestions will be accepted by the committee.

LAMBDA CHI'S HOLD MID-YEAR FORMAL

The Lambda Chi Alpha Fraternity held its third social function, a formal dance, the past Saturday night, Jan. 19.

The occasion attracted a large number of alumni who were former actives as well as the usual group of actives, pledges and their friends.

Former graduates and members of the chapter present were: Homer Ford, Sturgeon Gladdes, Tommy Thomas, Jed Burnham, Ellsworth Fort and Jimmy O'Brien.

The chaperones for the evening were: Prof. and Mrs. Dodd; Mr. and Mrs. Rex Williams; Mr. and Mrs. E. D. Williams; and Mr. and Mrs. Devere Joslin.

Music for the evening was furnished by Bob Campbell and his Seminole, Okla.

Corporation and is stationed at Seminole, Okla.

Homer Ford, '34, Sturgeon Gladdes, '28; Tommy Thomas, '28; and Jimmy O'Brien, '34, were present at the Lambda Chi mid-year dance Saturday night.

Cast Your Reader Survey Ballot Today!

9100 BUCKS WINS PRIZE

Monte Carlo Dance of St. Pat's Board Creates High Interest Among M. S. M. Students.

The St. Pat's Board threw one of the best dances of the year Monday evening when it turned Jackling Gym into a Monte Carlo Casino and ballroom. The bucks flew right and left to the clack of dice and buzz of roulette, and the feet stomped and romped to the tune-rhythm of Duke Washington's Colored Collegians out of Jefferson City, a nifty little band.

Despite the fact that "Ole Man Winter" descended on the Ozarks, a large, merry crowd filled the dance floor and played the games under the supervision of the St. Pat's Board members. St. Pat's currency, \$150,000 bucks of it, flowed freely over the tables. The games, all strictly square, drew large numbers at every pause in the music.

Some of the "new fangled" games didn't click, and an old-fashioned dice game kept the excitement high. The stakes were tremendous, bets ranging from twenty to a thousand bucks on a single throw.

The awarding of the prizes near the close of the dance showed that there were some "hot" gamblers on deck. The first prize, a St. Pat's ticket, was sold off for 9100 bucks (St. Pat's). Second prize, compact and lip stick, went to a man holding 11,000 bucks. He didn't have it all counted in time to bid on the ticket. The third prize was knocked down to a high bidder for 4800 bucks, which is pretty high for a carton of cigarettes.

The Black Powder Players hit off some sniffling rhythm and some smooth music for the boys and gals that tripped lightly and fantastically.

It can safely go down that the St. Pat's Board scored on the Monte Carlo idea. Continued success of this kind insures a big St. Pat's and everybody should be looking forward to it.

PHI KAPPA PHI WILL MEET TUESDAY NIGHT

The School of Mines chapter of Phi Kappa Phi, national scholastic honorary society, will meet next Tuesday evening for the second in its series of programs dealing with the Tennessee Valley Authority.

Mr. W. B. Danforth will speak on the "Raw Material Resources of the T. V. A." His talk will bring out the basis on which industrialization of the Valley is planned.

Mr. M. M. Fischer will speak on the "Industrialization of the T. V. A." The points brought out in this talk will be directed to showing how the vast resources of raw materials and cheap electric power will be utilized in making the Valley a self-supporting area.

The first program on the T.V.A. was well received, and the chapter members have taken an interest in the study of the factors, pro and con, which the T. V. A. has brought to consideration. It is planned to continue the program until a full and complete understanding of the idea has been brought out.

THE MISSOURI MINER



Official Publication by the Students of the
MISSOURI SCHOOL OF MINES AND METALLURGY
in the Interest of the Alumni, Students and Faculty

MEMBER
Associated Collegiate Press

1934 Collegiate Digest 1935
MADISON WISCONSIN

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FACULTY ADVISER DR. J. W. BARLEY

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BILLIONS

How much is a billion? Well, with a few simple calculations we find that if an enterprising group of Romans in the year 33 A. D. decided to produce a toga, complete with accessories, every minute of the day, week, month and year; and the descendants of these mass-productionists had kept up the good work, the total number of togas completed would, just this year, reach the billion mark. That's interesting, isn't it?

Maybe that isn't very clean because you don't know what a toga is, and, anyway, we don't think Ford is a Roman name. Try it this way: Some fast-flying aviator says he can go around the world in three days. He didn't say anything about the equator, but supposing he did. Now, if this same bird had wanted to roll up a billion miles of flying, he would have to make 122 trips a year for 329 years. This would allow him to take a day's vacation to celebrate his birthday, if he had been born on Feb. 29. The Pilgrims landed (no three-point) at Plymouth Rock just 315 years ago. So you see our aviator would have had to start his flying career some time before Plymouth Rock made the headlines.

You can see how hard it is to imagine a billion of anything, even pests. Even so, the billion figure has only recently got into print. It was mentioned frequently in connection with the debts piled up during the World War, and since then the notoriety has been such that we no longer gasp when we see the figure attached to a dollar sign, years of earth's history, and so on.

After all of this floundering around we finally come to the point — what next? We are the youth, dear reader, of an infinitely small group in a tremendous population. We are following, more or less, in the path of our predecessors in the matter of our lives. We eat, sleep, play, study, and so on, much in the same way as those who have gone before us.

Of course, there occasionally pops out into the daylight a new idea or some thought is voiced above the general buzz. These matter little though, because, the sudden exposure of the idea usually is too much for it and the poor thing shrivels up in the heat of the controversial sun that seems to be the beacon of our civilization.

The voice crying above the racket of the populace is pitifully alone. Like a halloo down a well, this upraised voice bounces around for awhile, but finally dies out. No! We, as a group, are no different from the rest of the mob.

Apparently, we are stumbling blindly along behind our more mature and experienced forebearers, reverently accepting all and sundry as it is handed down to us.

Possibly this is our inherited duty (or punishment for having been born), but it is beginning to look as if we were being betrayed. Those in whom we, as all the rest, have put explicit faith have apparently made a mistake, a bad one. The result of this mistake is a mad scrambling to cover up by a spending spree that appears to be all well and good on the surface.

We know, though, that there is a joker in every deck, and the joker in this fine scheme is that we are shouldering the burden of paying for the mistakes of our predecessors, those whom we are instructed to honor as saints, or near saints, simply because they happened to get here before we did.

These billions of debts that are being piled on our should-

ers already bending under the load of war debt incurred before we were even old enough to be hero worshippers. Are we to bear that load?

Yes—we shall carry it because we can do nothing else—and we shall incur more and more debts to hand on to our children. Yes, civilization is progressing?

ST. PAT'S BOARD
FINANCIAL STATEMENT

Statement No. 2.

Receipts

Balance on hand Nov. 1, 1934	\$359.80
Cloak room at Freshman Dance	12.40
Cloak room at Interfraternity Dance	8.85
Benefit at Fred Smith's Pool Hall	9.00
TOTAL	\$390.05

Expenditures

Phone call, telegram, stamps	\$2.61
Rolla Printing Company	6.50
TOTAL	\$9.11

Balance on hand Jan. 1, 1935	\$380.94
TOTAL	\$390.05

Assets

Cash on hand	\$380.94
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Liabilities

Approved liabilities	\$160.00
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N. GILSDORF
N. Gilsdorf, Treasurer

Audited:

K. KERSHNER
K. Kershner, Chairman, Board of Control.

INSECTS

By George Eckert

The insects number into the millions, which is more than a lot of people can do. Insects were on this earth long before man, but many believe that most of them were on man first. The battle between insects and man has never waned since the first fig leaf eater chewed away the fig leaves that were worn by Adam and Eve.

My travels through insect land were as buggy as any trip anyone ever took. Taking the straight and narrow pathology, more different shapes were seen than could be found in a burlesque show. The insects even have such a show accompanied by their own orchestra of insect musicians on their hands and knees.

Not many years ago, the kissing bug attracted a great deal of attention because it attacked the lips of people while they were sleeping. The chief obstacle to the suppression of this insect was the old maids who were unexpectedly blessed with strange and pleasant dreams.

The greatest pests of the insect kingdom are the barfly, firefly, and the bookworm, and not the boll weevil, which sees no weevil, speaks no weevil, or hears no weevil.

Strange noises around the house are the clothes moths whistling. "My Little Grey Home in the Vest." A point which must be cleared up is that a pupil should not be mistaken for a pupa; it is the latter which is in the dormant stage. It has been found that the caterpillar believes that larva makes the world go round, but the gnat says gnats to you.

Books are being published in such large numbers that even book-lice are picking only the best literature to feed upon, and by virtue of this fact a new method of choosing a good book is afforded. It is said that book-lice may be trained, so that they will only enter detective stories, or mystery novels, etc.

One insect inhabiting the tropics carries a poison so venomous that the poison kills the insect as soon as it is born. How it survives and continues its species is still a puzzle to science. Another strange insect of the tropics is the Back Swimmers, which swim on their backs to keep their feet from getting wet.

It is difficult to find and point out a locust, as everyone knows, who has taken geometry, how hard it is to find the locus of a point.

The common forms of tree borers are not looking for wood alcohol, or trying to get to the other side, but are carrying out the

first stages of the manufacture of antique furniture.

Among the most distasteful things in life is the presence of a cockroach in the kitchen, but this little household pest is only a prediction of what the human race may look like in the future. The body of the cockroach is flattened due to its habit of living in narrow cracks and crowded places, and the shapes of man can only tend to be the same if the decreasing size of kitchenettes, crowded subways, and bargain sales are to continue.

A recent investigation to find out why fleas are often found in the hair of many college professors has revealed that the fleas' favorite diet is decaying animal matter. When the professors are scratching their heads, as if in thought, they are not trying to catch a fleaing inspiration, but an inspiring flea is trying to get a college education.

A strange insect from South America has such long legs that when it starts to walk, its legs become so tangled up that it cannot move. As a consequence, the insect must resort to its two sets of wings, but here another one of Nature's jokes has been played, as each set of wings tends to propel the insect in opposite directions and the result is that the insect remains stationary.

LIGHT TRAVELS TWICE
AS FAST AS RADIO

Radio waves do not always travel with the speed of light — about 186,000 miles per second — as the scientific world has hitherto supposed. This information was given to the American Association for Advancement of Science by Dr. H. T. Stetson of the Harvard Observatory.

Over routes to Europe some of the transatlantic radio signals travel at less than half the speed of light, Dr. Stetson told his colleagues. This was determined by the use of time registering devices which accurately measure the fleeting moment in thousandths and ten-thousandths of seconds.

The new measurements were applied to radio signals between the short-wave naval station at Annapolis and Rugby, England, and between Annapolis and Bordeaux, France.

The tests showed that the speed of the signals varied according to the latitude of the path of the traveling signals. It was clear that signals crossing the ocean lost speed as their path extended northward, toward the North Pole.

This was demonstrated when the same signals were received from the Annapolis station by both the

Rugby and Bordeaux stations. The signals arrived in Bordeaux at a rate of speed approximately that of light. The same signals did not arrive in Rugby until about twice the length of time required for their reception in Bordeaux.

The Rugby-Annapolis transmission of signals showed other remarkable variations. According to Dr. Stetson, the elapsed transmission time varied from month to month and from year to year.

A 1933 survey of 531 leading colleges and universities disclosed that 315 of them maintained employment offices of some sort for their graduates. Of the 400,000 enrolled in these institutions at the time the survey was made, 16,298 students were placed as teachers and 5692 in other occupations.

Last year 30,757 students borrowed \$3,418,000 from loan funds maintained in 531 colleges and universities.

Exactly 5610 degrees have been awarded by the Oklahoma A. and M. since 1891.

BILLIARDS

Snooker — Pocket — Call Shot

SMITH'S

NEXT TO FOLLOWILL'S
DRUG STORE

THE BEST EQUIPMENT
BETWEEN

St. Louis and Springfield

CALL
ASHER & BELL

for Groceries, Meats and
Vegetables
DELIVERY PHONE 17

C. D. VIA
The House of a 1000 Values
ROLLA — MO.

EXCELLENT FOODS

Reasonable Rates

The
Colonial Hotel

SERVE
TUCKER'S
PASTEURIZED MILK
PHONE 437

CALL 163
THE FARMERS
EXCHANGE

FOR POULTRY, EGGS
AND GROCERIES
—WE DELIVER—

JIM PIRTLE
Watchmaker and Jeweler
Fine Repair Work a Specialty
38 Years' Experience — —
28 Years in Rolla — — —

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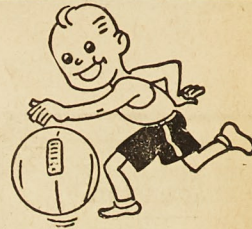
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SPORTS



MINERS TO MEET S. T. C.

Local Squad to Seek Revenge Tonight for 18-13 Defeat Earlier in the Season

The Miner basketball team will be out for revenge tonight when they face the teachers from Springfield here on the home court, after a week and a half layoff during exams. The Miners, remembering the 18 to 13 defeat handed them two weeks ago, on the small court and under dim lights in the Bear's gym, will be gunning for their fourth victory of the season.

Owning wins over the strong Cape Girardeau team, the Central Wesleyan five, and Drury, the Miners are in a position to indicate their ability to the fans who are interested in their next season debut in the Teacher's conference.

The Miners will be at full strength for the clash tonight, with Robert Lange, substitute forward, fully recovered from a sprained ankle and ready for action once again.

Coach Kirchoff will probably start Herman Pfeifer, hefty football man, and Chick Moreland, freshman, at guards; Robert Prange, at center; and "Nick" Nixon and Floyd Watts at forwards. This is the lineup that has started all the games so far.

The Bears, with Scroggins still on the injured list, will use Newman at one guard. Newman, a freshman from Houston, Mo., shared the scoring honors with Frye in the Miner game at Springfield. Spurgeon and Stephens will probably be at the forwards at the tipoff; Morris at center, with Frye at the other guard position.

DRURY COLLEGE BEGINS STUDY OF STUDENTS

Drury has been selected as one of the six Missouri Colleges in which intensive tests are to be conducted as comparative analysis between working and non-working students. The test will be conducted to determine the background, composition and achievement of each of the above groups with a view of evaluating student aid.

"The scope of the survey is so broad that it is not feasible to include all Missouri Colleges," according to Mr. William Gammon, student aid administrator, therefore representative institutions have been chosen.

The schools selected for the tests are the State University, Washington University of St. Louis, Westminster College at Fulton, Lindenwood College of St. Charles, Cape Girardeau State Teachers College, and Drury.

Dean John N. Bennett, dean of men at Drury, will be in charge of the experiment at Drury. The tests will be conducted with FERA and non-FERA students.

In similar tests recently conducted at Washington University in the College of Liberal Arts it was shown that 45.2 per cent of the FERA students received A's and B's while only 22.4 per cent of the non-FERA students received marks as high.

Advertise in The Miner

HARVEY'S LUNCHERY

YOUR BUSINESS APPRECIATED
PRYOR and SI PROPRIETORS

COMPOSITE BOX SCORE

(Including Four Games)

	Games	F.G.	F.T.	F.	T.P.
Watts, f.	4	7	4	5	18
Lange, f.	2	2	0	0	4
Nixon, f.	4	6	2	7	14
McGregor, f.	3	0	1	1	1
Prange, c.	4	8	0	6	16
Murphy, c.	2	1	0	0	2
Pfeifer, g.	4	10	6	5	26
Moreland, g.	4	2	2	3	6
TOTALS		36	15	22	87

SPORT SHOTS

The basketball team has made an auspicious debut under the direction of the newly appointed coach, Elmer Kirchoff. The best of luck Coach, and may we take our bow from the M.C.A.U. with a championship under our belts. Most of the Miners are not aware of the fact that the School of Mines have never won a championship in the M.C.A.U. loop. Second place has been our lot several times, but never a winner. Maybe our record will be better in the M.I.A.A. Incidentally our entrance into the Teachers conference will take place this coming track season. Our neighbors, the Springfield Teachers are leading the conference in basketball. Dope sheets have down to repeat their 1933-34 championship in the cage sport. As long as they can play in their two-by-four gym with its dim lights, they can win, but what about the approaching road trips? The Miners lost by five points in the Springfield gym, and the boys promise to revenge themselves tonight here at Rolla. The Springfield fans are still talking about their 49 to 0 defeat at the hands of the Miners in football, and wondering about the 1935 edition of the Silver and Gold. From present indications the squad will be bigger and better than ever next year. While on the subject of football, the fact that McKendree and St. Louis U. are on next year's schedule must be mentioned. Arkansas U. will not be back, but a home and home arrangement will probably be made with a southwestern team.

Coach Grant also announces a new policy for the students, with four games to be played on the home field. Back to basketball now. Jim Murphy, elongated center, dislocated his shoulder in the Springfield game when he went up against the concrete bleachers. Bob Lange, out with a sprained ankle, is coming out to practice again. Pfeifer and Nixon alternate as Captains, a position left open when Captain-elect Mooney failed to return to school. And that is about all for this time.

FOR A HASTY SNACK EAT AT THE SHACK FLEMING'S PLACE

Opposite Postoffice on Pine Street
A Handy Place to Eat

SEE THE NEW PLYMOUTH and DESOTO MODELS IN THE COLLEGIATE DIGEST RIDE IN THEM AT THE KING MOTOR CO.

PHONE 103

NINTH & ELM STREETS

The Miner Staff is interested to know just what the students think of the paper. What they read and how often it is read is a measure of the success of the work of the staff.

Readers are urged to assist in this survey by checking the questions and placing it in the box in the entrance of Parker Hall at the earliest convenience.

CUT ON THIS LINE

Place a check mark (✓) in the column which applies in your case.	Read All the Time	Read Occasionally	Never Read	Worthwhile (Yes or No)	Remarks
Collegiate Digest Section					
Sports					
Features					
Editorial Page					
Page One					
Suggestions					

(If not sufficient space, use a separate sheet and attach it to the ballot.)

NAME

TWO GAMES NEXT WEEK

To Meet William Jewell at Liberty and Mo. Valley Vikings at Marshall on Tour

Playing two games on successive nights, the Miner basketball team will invade Northwest Missouri next Monday and Tuesday nights, meeting the William Jewell quintet at Liberty, and the Missouri Valley Vikings at Marshall, on the first extended road trip of the current season.

The Miners, bowling along at a fast clip with three victories and one defeat, will be at full strength for the tilts, and will also be strengthened by the addition of Paul Ellis, 19-year-old transfer student from Cape Girardeau, who becomes eligible this week. Ellis played two years on the strong Cape squad and will prove to be a welcome asset to the School of Mines team.

Not much is known about the strength of the quintet from Liberty, but present indications point to one of their best seasons, and Coach Kirchoff is eager to number

them among the Miner victims. The Vikings won their opening conference game last week, trimming the Central College Eagles, 33 to 25, on their home floor.

Pfeifer and Moreland at guards, Prange at center and Nixon at forward, are the Miners slated to begin these contests, with either Lange, Watts or McGregor at the other forward.

There are now more CCC camps in the United States than there are colleges and universities. The former number is 1641, the latter is 1466.

The common element sodium can be made so radioactive by proper treatment that it will yield gamma rays more powerful than those of any other element, according to Prof. Ernest O. Lawrence, of the University of California.

ROLLA STATE BANK

AFTER

THE GAME

MORNING and NOON

or NIGHT

ATLASTA TAVERN

DANCING EVERY

Wednesday and Saturday

NEW STOCK—Eton, Crane and Pike Stationery—BUY IT AT SCOTT'S—The MINER'S CO-OP

THE LOG OF THE "BLACK PERIL"

Ye Olde Travelere

My dear friends the "Black Peril" is not an infernal disease, but just a means of conveyance. The "Peril" was a product of Hank Ford's little shop over in Detroit back in 1929.

Little is known of the early history of the "Peril" except that it was once owned by a feller in Illinois. We found the car in a used auto jernt somewhere along Easton Avenue in Welston. After several trial spins and the salesman doing all the squaking, words to the effect "Boys, ya won't find a tighta' job in da city of St. Louie" we were convinced that the lil' Ford was what we were looking for.

After some wrangling as to the cost of same, we finally came to an agreement and drove the job off the car lot. The next few minutes were indeed tense as we were "all ears" listening for tell-tale noises to come from under the hood, however, the engine sounded sweet and we sat back and felt mighty proud of the purchase. Had the "Peril" known what was in store for it, I think it would have collapsed on the spot.

We found only two defects and those typical of the 1929 vintage. The windshield for the greater part was almost opaque, however, there were spots in various localities that were nearly translucent. The second gear was really a wonder, a darn wonder it didn't fly out into the street. The sound effect produced by the transmission when in second gear rivals any boiler works I've ever heard. The windshield, situation was taken care of, however, the transmission still screeches with the greatest of uncouth noises.

The object of purchasing the "Peril" was to provide transportation from Rolla to Los Angeles for Sully and myself. We made a trial run from Ferguson to Rolla in the latter part of last May and found to our satisfaction that she performed perfectly, being very economical on gas and oil. We made the trip to the "golden west" with no trouble at all and returned to our fair city last fall, having put on ten thousand miles.

The present "Log" is a detailed account of the adventures of the "Peril" on a trip from Rolla to Los Angeles and return during the Christmas Holidays.

Departure of the "Peril" was finally set for Friday, Dec. 14, after much wrangling about getting off a few days early. Up to this time the "Peril" was expected to have a passenger as far as Lubbock, Tex., however, this did not materialize so it looked as though it was going to be just myself and the "Peril."

About four o'clock Friday afternoon everything was set to shove-off except the usual batch of laundry which was still at large. After much anxious waiting, the laundry finally arrived, and last preparations were made.

ROLLA, MO., Dec. 14:— At 6:00 P. M. the "Peril" was "wound up" and took off in front of the Kappa Sig House amid many cheers (or jeers) of the brothers. Having previously taken on a capacity fuel supply, I bent the "Peril" around the corner and started the long grind down "66."

Everything sounded okay with the exception of a few more rattles which were recently annexed by a bad door latch. Before going much farther let me say right here the greatest and most unique features of the "Peril." Last fall while grinding over some of Oklahoma's prize detours, the door on the left side sprung and at the same time nearly dumping Mr. Shambough flat on his er—head.

Anyhow, since that incident the door fails to close tightly and there

is about an inch and a quarter clearance between the door and the frame. This produces what is known as "air-flow" — the air flows in one door and right out the other. With this novel device the temperature remains constant either inside or out. Having a premonition of this feature, I purchased numerous articles of heavy clothing which I have at this time stashed behind the seat.

After leaving Rolla, I note that the "air-flow" is functioning to a high degree of efficiency as I can feel a dandy flow of cold air around the feet. Little of interest passed between Rolla and Springfield except a raft of those big trucks that nearly squeezed the "Peril" off the road. At this point I'll let this thing go until next week and start at Springfield, Mo.

STUDENTS SHOULD BE TRAINED FOR GOVT.

The creation of a class of public

PROGRAM

ROLLAMO THEATRE

WED. & THURS., Jan. 23—24.

"THE BARRETTS OF WIMPOLE STREET"

with Norma Shearer, Charles Laughton and Frederic March
ALSO

Scrappy Cartoon,
"Concert Kid"
Novelty, "Ladies That Play"
Movietone News
Prices 10 and 25 Cents
Shows 7:15 and 9:00

FRIDAY, Jan. 25.

"DEATH ON THE DIAMOND"

with Madge Evans, Robert Young,
Nat Pendleton, Ted Healy,
Mickey Rooney & Others
ALSO

"All Sealed Up" with Ben Blue
Prices 10 and 25c
Shows 7:15 and 9:00

SATURDAY, Jan. 26.

MATINEE AND NIGHT

"THE WESTERNER"

with Tim McCoy and Marian Shilling
ALSO

Comedy, "Horse Collars" with the Three Stooges
Musical, "Those Beautiful Dames"
Red Rider, No. 6 with Buck Jones
Prices: Matinee 5 and 15 cents
Night 10 and 25 cents
Shows: 2:00 — 7:15 — 9:00

SUN. & MON., Jan. 27—28.

SUNDAY MATINEE

Will Rogers in

"COUNTY CHAIRMAN"

with Evelyn Venable, Louise Dresser and Mickey Rooney
ALSO

Mickey Mouse in
"Orphan's Benefit"
Song Hit Story, "Mountain Melody"
Movietone News
Prices Matinee 10 & 25c
Night 10 and 35c
Shows: 2:30-7:15 and 9:00

TUESDAY, Jan. 29.

BARGAIN NIGHT

"THE MYSTERY WOMAN"

with Mona Barrie, John Halliday,
Gilbert Roland and Rod La Roque
ALSO
Comedy

Prices 10 and 25c
OR TWO FOR 10 and 35c
Shows 7:15 and 9:00
Dr. B. E. C. Slawson, Dentist

servants, trained for positions of leadership in government, was advocated by Secretary of Agriculture Henry Wallace at Grinnell, Ia., before the Grinnell College Conference on International Relations.

The system advocated by Secretary Wallace is patterned after the famed English civil service, and demands specific college and university training for civil service careers. He predicted the early establishment of this type of training in the United States.

Mr. Wallace also advocated the establishment of "some mechanism which will make it possible for intelligent individuals to express

themselves on key conditions, while completely free from party politics and class consciousness."

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SEE OUR NEW
M. S. M. STATIONERY
AND
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DYED

OR

SHINED

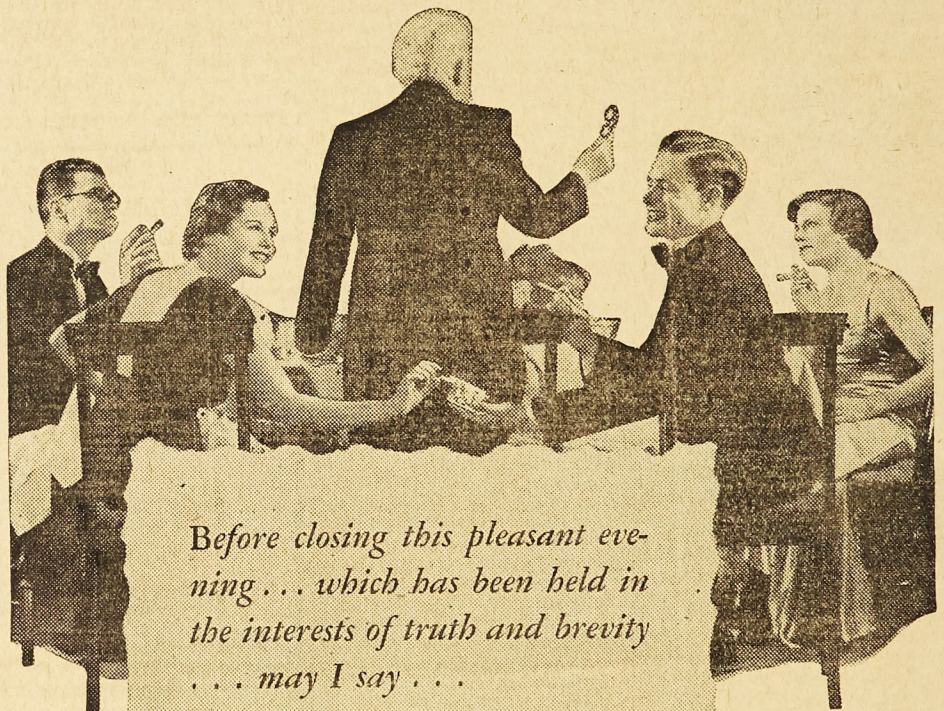
Modern Barber Shop
"BUSS"

SUNSHINE MARKET

FRESH MEAT
AND
GROCERIES
PHONE 71

PINE STREET MARKET

GROCERIES MEATS VEGETABLES
PHONE FREE DELIVERY 77



Before closing this pleasant evening... which has been held in the interests of truth and brevity... may I say...

Long speeches have been made about this and that, but when it comes to a good cigarette, you can say it all in just a few words...



—they're
MILDER

—they
TASTE BETTER

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