



29 Sep 1916

## The Missouri Miner, September 29, 1916

Follow this and additional works at: [https://scholarsmine.mst.edu/missouri\\_miner](https://scholarsmine.mst.edu/missouri_miner)

Title as Published: The Missouri Miner, September 15, 1916

### Comments:

This issue was published in error as September 15, 1916, issue 1. Three issues in a row were published this way.

These newspapers reflect the attitudes, perspectives, and beliefs of different times. Neither the library nor the university endorses the views expressed in these collections, some of which contain images and language which may be offensive to some readers.

---

### Recommended Citation

"The Missouri Miner, September 29, 1916" (1916). *The Missouri Miner Newspaper*. 70.  
[https://scholarsmine.mst.edu/missouri\\_miner/70](https://scholarsmine.mst.edu/missouri_miner/70)

This Newspaper is brought to you for free and open access by Scholars' Mine. It has been accepted for inclusion in The Missouri Miner Newspaper by an authorized administrator of Scholars' Mine. This work is protected by U. S. Copyright Law. Unauthorized use including reproduction for redistribution requires the permission of the copyright holder. For more information, please contact [scholarsmine@mst.edu](mailto:scholarsmine@mst.edu).



*M. L. M. Library*  
704

# THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Mo.

Vol. 3, No. 1.

Friday, September 15, 1916.

Price 5 Cents

## Look for the Card!

The Athletic Association has devised a novel scheme with which it is hoped to gain the co-operation of the merchants in increasing the attendance at the games played in Rolla. Eventually, this plan if successful, will bring bigger, more important games to Rolla which are now being played in the larger cities. It is deserving of careful investigation and the Miner is strongly in favor of it.

## TO THE BUSINESS MEN:

Appreciating the interest which has always been manifest in the welfare of the Athletic Association of the School of Mines by the business men of the community, and realizing the mutual benefit which will be derived by closer association, it has been decided by the Board of Control of the Athletic Association that it is expedient and desirable, in appreciation of the manifest interest, to extend to the business men of the community certain courtesies which have never before been given.

It is proposed to institute in the Athletic Association a new class of membership, open to all business men and business firms of the community, to be known as associate members, and will include the following privileges.

First: Each associate member of the Athletic Association will be admitted to admittance to all Athletic events held on the campus of the Missouri School of Mines.

Second: Each associate member will be entitled to restricted

use of the Jackling Gymnasium and equipment and instruction in physical culture.

Third: With membership taken for business firms, an attractive advertising membership display card will be given and permission to use for the term of membership the following clause in any display advertising.

("Member of Missouri School of Mines Athletic Association.")

The fees for membership are as follows:

Firm memberships for season 1916-17, \$15.00.

Individual memberships for 1916-17, \$10.00.

When two or more members of the same firm or business house buy individual membership in lieu of a firm membership, a display card will be given the firm or business house and the advertising privileges extended to the firm.

No membership card will be transferable, except those held by firms or business houses, which may be transferable at the discretion of the holder for admittance to athletic contests only.

The use of the gymnasium will be placed at the disposal of the associate members two evenings per week.

To allow time for discussion and consideration, the canvass for memberships will not begin until September 4. Memberships may be obtained by mail at any previous time by addressing F. E. Dennie, Director of Athletics of the Missouri School of Mines.

Realizing that your hearty co-

Continued on Page Seven.

## Welcome, Freshman, Welcome!

It is with a hearty handshake of good-fellowship that the Miner, in the name of the school bids welcome to the student body. To the older men, it is but the resuming of old ties, it is the continuation of a work pleasantly interrupted by the few months' change of pursuits or habitation. To them, it is indeed a pleasure to see old faces, hear new yarns and experiences, by familiar voices and enjoy the fruits of good friendship.

But to the freshman, who knows few fellow students, and has yet to reap the pleasure of comradeship,—to you the Miner extends a special welcome! A stranger perhaps you are to our midst, but the doors are wide open and each and every old man enjoys the grasp of your hand. We want you to feel that you are among friends—that not only we are solicitous about your future studies and welfare but that all your fellow students are glad to help you if they can and may. You will find that any student will be eager to help you with your schedule,—that you will be shown immediately to rooms and otherwise treated with the consideration that shows you are sincerely desired. And so again, welcome fellowstudent to the Missouri School of Mines!

Now paradoxically as it may appear to the new comer that you are welcome,—and yet have been subjected to nocturnal frolics and interrupted slumbers,—the latter does not infer a contradiction.

Happily the so-called hazing

# LOOK FOR THE CARD.

20474



has been decreased in these latter hours and without seeking to justify the practice but rather to give an explanation, let us, fellow student to be, go over the ground together.

Hazing may, and often does go too far, in this extreme, lies the evil. The personal element should be forgotten,—there should be no ill feelings, no resentment,—nought but good nature on both sides.

True this is not always the case;—often tempers are lost and voices raised in anger, perhaps blows struck, but this is rather the exception.

And, Freshman fellow student, even during the hazing you are making friends by your conduct, for if you can accept inconveniences with a healthy grin, you are a hero and everyone likes a hero.

The sympathy of all is with you. Perhaps you do not know it now, but you will realize it after you have proved your mettle.

Hazing is an ordeal thru which you must pass to perfection.

You are soon to study the wonders of nature and seek the wealth that is so cunningly hid beneath her formidable hills and deserts, and yet how rarely does she yield her treasures free from dross, pure and ready for man's use?

Of what value is the crude, murky uncut diamond compared to the sparkling gem that graces the costliest diadems and insignias of glory?

You, fellow student and Freshman, are a diamond in the rough! It is by hard work,—aye by friction, that you will slowly but surely evolve!

Take all inconveniences,—all hazing in a good spirit; if you do, you will gain real friends,—from the other men who can admire a stoical grin even when conquered.

By no means, however take this to mean "Submit without a struggle!" No! Fight a man's size battle, do your best!

You have the finest chance a freshman class has ever had for your members are great and victory is within your reach if you will but snatch it!

The whole school is watching you—and you will make more friends next Monday than upon any other day of your life, if you act manfully and do your best.

The odds of precedence, tradition, experience are against you—but the greater the odds, the nobler the victory. No victory is worth much if the struggle has been small.

If, after a sincere effort, Class Day, you bow to the Sophomore bear in mind that your defeat is sweetened by the fact that you have been conquered by men! For this year's Sophomore Class proved to the school in their day that they could grin and bear. They are worthy!

And after the struggle, while smoking the old corncobs of peace and relating events of the past week,—you will find them the good fellows of the years to come. You will shake hands again, you will laugh, you will be glad that you went thru the whole ordeal, for the friendship of others who are real men is a prize worth striving for.

Again the Miner bids you welcome and again shakes hands with the parting words—"Do your darndest and grin!"

If you do, victory, which no one can take from you is yours, whether in physical powers you bow or not:—Do your best and—grin!

#### Secretary of the Faculty.

Professor C. R. Forbes has been appointed Secretary of the Faculty.

#### Praise For the Miner.

One alumnus writes, "I am enclosing a remittance for the Miner for the next year. It is a mighty good little paper and I enjoy every issue. It always has something good about the school and a lot of news from old friends.

FOR THE  
**BEST TO EAT  
and Wear**

TRY

# Schumans

UNITED  
Electric Shoe Repairing Co.

Eighth Street,  
ROLLA, MISSOURI.  
Next Door to Herald Office.

Your Shoes Fixed  
While You Wait.

Good Leather. Good Work.  
Right Prices.  
Give Us Your Trade.

HARDWARE, HARNESS  
AND  
FARM IMPLEMENTS.

I have an excellent line of  
Guns, Fishing Tackle and other  
Sporting Goods.  
Students Always Welcome.

**Landon C. Smith**

# Students

**W. C. ZEUCH**

Guarantees 24 Hours Service  
on All Kodak Films.

MAIL'S  
SMOKE  
SHOP

We have the most complete  
line of Cigars, Cigarettes,  
Smoking and Chewing Tobacco.

When you go to see her,  
take a good box of candy.  
**JOHNSTON'S**



**Summer Mixers.**

The summer of 1916 saw something new in the line of "get-togethers" in the Bisbee-Warren Copper district of Arizona. There were over fifty students in town from all parts of the country and as "all work and no play makes Jack a dull fellow," it was thought advisable to float a campaign for a couple of the grand old college mixers. The first stunt was a banquet as every student seems to enjoy a feed, in fact a feed is a student's idea of a good time. A little meeting was held, petty politics were ousted, and a young law student Mr. Darke from Stanford U. was selected toastmaster. The banquet hall of the Y. M. C. A. was decorated with pennants of all colors and the tables were constructed. The next bright thought was to enlist the fair coeds from Ariz. U who were in Bisbee to act as the dispensers of the feed and music. Then the officials of the mining companies were invited as the honored guests. On the night of the banquet every student in town (52) gathered there on time, fifteen fair coeds were present, and many of the prominent mining men of the district had accepted the invitation.

The feed was a real success, and the after dinner talks were far different than the ordinary type. Capt. Hodgeson (Supt. of Copper Queen) told the boys what to expect in the mining game; Mr. Sherman (Gen. Manager of Copper Queen) told of his experiences and what was needed of the coming engineers; Mr. Cowperthwaite (a graduate of Rolla) who is the safety first man of the C. & A. Mines and smelter, told of the work in regards to the safety of the men. Several other prominent officials gave short addresses, then a representative of each school that was represented made a talk. P. B. Shotwell '17, spoke for M. S. M. The other M. S. M. men that were in the midst of the glorious affair were Massey, '18, Spickert '17, Krebs '16, and Hip-

pard '17.

As the banquet far exceeded all expectations, it was thought advisable to give a dance, this being the next manner of amusement to appeal to the majority of the students. However it might be explained here that one other diversion was passed by, for Ariz. is dry. The gym. of the Bisbee High School was decorated with pennants and crepe paper and the students again enjoyed themselves. Needless to say the fair coeds were again present, and a wonderful time was enjoyed by all. Such things during the summer lighten the labor and help more than anything else to make the time enjoyable as well as profitable.

**Miner Staff Changes.**

The Miner Staff has lost three men of its present number because of their failure to return to school. Mr. Louis Turnbull, our very efficient advertising manager of last year's board, has elected to stay out a year and work for the Portland Cement Co. of St. Louis. Mr. Crow, his assistant, will succeed him as advertising manager.

Mr. J. S. Webb, assistant circulation manager, will spend a year with a mining company in Ruth, Nevada. His place will be temporarily filled by Mr. H. W. Doennecke.

Mr. J. J. Krebs, who handled the exchanges, will winter in Bisbee, Ariz. His successor has not been selected yet.

**LOCAL PERSONALS.**

—O. M. Maness and wife are domiciled in the Cowan residence on the corner of Seventh and Rolla Streets.

E. R. Housholder has returned after a summer spent in Arizona and California.

Misses Zoe and Dixie Harris left Wednesday for Columbia, Mo., where they will attend the University.

Dr. and Mrs. J. W. Barley and little daughter have returned, after spending the summer at Maryville, Mo.

E. A. (Kelly) Miller and wife, nee Miss Florence Ary, returned Monday

**The Rolla Herald**

Established in 1866

If you want the news read the HERALD. Subscription \$1.00 per year.

Job Department Second to None.

Get your Cards, Invitations and all first-class Job Work done at the HERALD Office.

Student Note Book Paper for Sale.

Charles L. Woods, Publisher.

**See Griggs**

for the

**BEST SHINE  
IN TOWN.**

At the same Old Stand,  
**DUNHAM'S BARBER SHOP.**

**Rates to Students**

Laundry Work at

**\$2.00 PER MONTH.**

Everything finished first-class

Work Guaranteed.

Laundry Bags Loaned to Patrons.

**PHONE 88.**

Wagon Will Call.

**Strobach's Laundry**

from Globe, Arizona. Mr. Miller will complete his course at M. S. M. this year.

F. S. Elfred and wife, formerly Miss Bernice Wynn, have returned to Rolla from Webb City. Mr. Elfred will continue his studies at the School of Mines.

Subscribe For The Miner.



**THE MISSOURI MINER**

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

Entered as second class matter April 2, 1915, at the post office at Rolla, Missouri, under the Act of March 3, 1879.

**STAFF.**

G. E. Ebmeyer, - Editor  
J. K. Walsh, - Associate Editor  
C. W. Hippard, Assistant Editor  
M. L. Terry, - Business Manager

**Associates:**

L. A. Turnbull, - Advertising  
W. Crow, - Asst. Advertising  
W. Scott, - Asst. Advertising  
H. W. Doennecke,

**Asst. Business Manager**

W. H. Reber, - Circulation  
J. S. Webb, - Asst. Circulation  
F. H. Geib, - Local Editor  
J. J. Krebs, - Exchanges

**Reporters:**

J. J. Krebs, - Senior Class.  
C. W. Hippard, - Junior Class.  
C. E. Bardsley, Sophomore Class.  
J. S. Webb, - Freshman Class

Published Every Friday.

Rates: { Single Copies, - 5 Cents  
Per Month, - 15 Cents  
Per Year, - \$1.00

**LOCALS.**

E. J. McNely, '16, is with the American Steel Foundry, Granite City, Ill.

R. S. Burg, '16, is with the American Smelting and Refining Co. at Durango, Colo.

C. E. Henry Heinz is chief chemist for the Kenifick Zinc Corporation, Webb City, Mo.

W. S. Erskine '17, is chief draftsman for the Ford Motor Co. at San Antonio, Tex.

Walter Gammeter '15, has been made manager of the Lucky Bill Mine at Bayard, N. Mex.

P. B. Shotwell '17, is now working in the Assay Office of the Copper Queen at Bisbee.

Jimmie Hanrahan is at Anaconda, Mont., but will soon be sent to the Great Falls Plant.

Geo. S. Thomas '12, is foreman at the Butte and Superior Concentrator Plant, Butte, Mont.

I. J. Simcox, ex-'14, is in the research department of the Anaconda Copper Co., Anaconda, Mont.

President Parmalee visited M. S. M. last spring and was the guest of Professor Ingram for several days.

C. W. Bower, '17, will not be in school this year. He is with the Mary Murphy Mining Co., Romley, Colo.

Howard C. Parmalee, of Denver, has been elected president of the Colorado State School of Mines at Golden.

J. L. Head, '16, joins the engineering staff of the Calumet and Arizona Mining Co., at Warren, Ariz., on Sept. 15, 1916.

Frank L. L. Wilson, '08, is a member of the firm H. Eisle & Co., manufacturers of gold and silver alloys, Omaha, Nebraska.

T. W. Blake '11, has donated specimens of chrome ore from Millsaps, Glenn Co., Calif., to the M. S. M. mineralogy collection.

Dr. A. X. Illinski, '10, Professor of Chemistry, New Mexico School of Mines, at Socorro, spent the latter part of August in Rolla.

Spickert '17, is now attending Leland Stanford Jr. U. at Palo Alto, Cal. He is rated as a senior and will probably graduate with their '17 class.

W. M. Weigel '00, Associate Professor of Mining, Pennsylvania State College, spent his vacation near Renfrew Canada building a mill to treat molybdenum ore.

R. S. Palomares, ex-'10, is Assistant Professor of Chemistry, Altos Estudios, of the University of Mexico, and chemist for the Institute Geologico, Mexico City, Mexico.

A. T. Marshall '16, with the Pacific and Dutchman Mines at American Fork Canyon, Utah, constructing a fifty ton mill to

handle large bodies of low grade lead-silver ore.

Boyd Dudley Jr. '08, spent the summer doing special work for A. S. & R. Co. at Perth Amboy, N. Y. and for the Weedon Mining Co., at Welland, Ont., and Montreal, Que.

John A. Murphy '13, who had to leave Mexico early in the summer, spent sometime with relatives at Pierre, S. D. and Fargo, N. D., and has gone to work at Copper Hill, Ariz.

Paul R. Cook, '08, Guayaquil, Ecuador, has a paper on "Cyaniding Clogey Ore at the Buckhorn Gold Mine," Buckhorn, Nevada in the Transactions of the A. I. M. E. pp. 1555-1564.

W. H. Elbelt, department foreman, Chino Copper Co., Hurley, N. Mex. and F. G. Moses '15, flotation engineer, General Engineering Co., Salt Lake City, Utah, have been elected members of the American Institute of Mining Engineers.

F. N. Flynn, ex-'96, Superintendent Arizona Copper Company's smelter at Clifton, Ariz., has a paper on "Smelting at the Arizona Copper Co.'s Works" in the Transaction of the A. I. N. E. 1916 pp. 1575-1592.

From frigid Alaska will come its most beloved citizen, Bishop Peter Rowe whom the miners there wish to make their representative in Congress, despite his protest that he is Bishop first, last and all the time, and clear out of politics.—By Bernard Graensteiro, in St. Louis Republic.

Byron L. Ashdown, M. S. M. '16, who has been in the employ of James Stewart & Co., contractors, in New York City, has been promoted to engineer in charge of the contract for widening a channel to fifty feet for three-fourths of a mile on the Hudson River, at Mechanicsville, New York.

Patronize our advertisers.



**Waddell's Bridge Engineering.**

Contributed by Prof. E. G. Harris.

The following notes on this volume of matter is not entitled a review. Any fair review of the work would more than fill this little paper.

The work is in two volumes, with a total of 2177 pages. It is not written as a text-book for under-graduates; it is a guide for the bridge specialist. In it we find recorded in a comprehensive way, and in an honest, simple and fearless style, characteristic of all the author's writings, the results of his vast experience, and prolonged technical research in bridge engineering.

How far removed is the matter from under-graduate work may be guessed from the fact that scarcely fifteen pages is devoted to computation of simple stresses, there are no graphics (excepting curves and charts) and roof trusses are not mentioned.

Demonstration of formulæ receive little attention, except in the chapter on Reinforced Concrete Bridges, in which appear rather more formulæ than in other text.

Following the above statements the reader may ask, "How are the 2177 pages filled?" The answer would be: They are filled to a great extent with matter depending on judgment and experience, guided and checked by pure mathematics and pure mechanics. For instance, there is a chapter on Principles of Designing, in which appears fifty "principles" without a formula. 260 pages are devoted to specifications, and 273 to a glossary of terms, which is a unique feature and a valuable addition to an engineer's library.

To even list the chapters and their subjects would overtax the

We might broaden the title into Bridge Engineering and Things Bridge Engineers Should Know.

Mr. Waddell has given the profession the benefit of his vast experience.

**Do Something.**

Don't be an ornament. Get into some activity, something for M. S. M. There is more to a college education than just classroom work. Big opportunities are open. Every man can not play football but every man can do something which will bring credit to the school. 99 and 44-100ths of the Freshmen are in no activities not thru lack of ability but lack of pep. They don't know what they can do and have not the pep to go out and find out. 66 and 66-100ths of the upper classmen do nothing because they are content to let the other fellow do things while they share in the glory which the school receives from the accomplishments of the few.

Be a cog in the school machine and be such a one that you will not easily be stripped. Make yourself worthy of the right to say that you are from M. S. M. The Miner, Rollamo and student organizations of all sorts have work for you to do. Start NOW.

THE  
**City Barber Shop**  
Gives the  
BEST SERVICE  
TO STUDENTS

The world production of petroleum for 1915 amounted to 179 million gallons of which the United States produced 66 per cent; Russia was the next highest producer with 16 per cent; Mexico third with 8 per cent, then Dutch East Indies, Rumania and India with from two three per cent each.

Mr. A. T. Dunham has informed the Miner that his bride's maiden name was Young not Brown as was published in a recent issue of the Miner. Also that he was married at Worthington, Ind. and not Washington, Ind. His address is care of Butte and Superior Copper Company, Butte, Mont.

We are always glad to correct an error, Mr. Dunham, and, incidentally, wish you all the success and happiness possible.

## WELCOME, MINERS.

**Rolla's Theatre.**

Open Every Night.

**Two Shows,**

7:30 and 9 P. M.

### WORTH WHILE FEATURES ONLY.

The place to buy Groceries for your Club and Fraternity tables is at the

**QUALITY GROCERY.**

Associate Member M. S. M.  
Athletic Association.

### For Your DEVELOPING, FINISHING AND FRAMING

Go to the

**Baumgardner  
Studio.**

PINE STREET.

**Baltimore Hotel,**

MINERS,

Remember the Banquet

Last Year.

Same Service This Year.

## ALLISON, The Jeweler.

Come in and get acquainted, new students. All old students need no introduction, but come in just the same.



### Miss Ethel Schuman Becomes Bride of Enoch Needles, of Kansas City.

A wedding of much interest in this city was consummated on Tuesday, September 12th, 1916, at 2 o'clock, when Miss Ethel Schuman became the bride of Enoch R. Needles, of Kansas City. The ceremony was performed at Lake View Farm at the northern limits of Rolla, the beautiful home of the bride's parents, Mr. and Mrs. Charles Schuman.

At two o'clock the guests had assembled, and Mrs. W. B. Needles, sister-in-law of the groom, sang sweetly "Because," by Guy D. Hardelot. She was accompanied on the piano by Miss Zoe Harris, who played the wedding march immediately at the close of the song.

Rev. C. F. Wilson, of the Presbyterian Church, took his place under the arch, followed by John Schuman, groomsmen, Clyde Shipley, best man, and the groom taking their places at the right. Miss Georgena Clark, bridesmaid, led the bridal party through the aisle. She was followed by the maid of honor, Miss Margaret Needles, sister of the groom. Little Richard Needles, nephew of the groom, as ring bearer, came next, followed by little Miss Sara Elma Arbuthnot, niece of the groom, as flower girl. Then came the bride on the arm of her father. The double ring service was used.

Following the ceremony, when congratulations had been said, the guests were ushered into the dining room by Miss Roberta Rowe and here they were served dainty refreshments in which the color scheme, yellow and white, was carried out in every detail. Mrs. A. X. Illinski, Misses Eleanor McRae and Mary McCrae assisted in serving the guests.

Misses Mildred Strobach and Sybil Powell presided at the punch bowl. Mrs. C. Y. Clayton had charge of the wedding cake, at the cutting of which Miss Julia Wilson got the ring, Miss Mildred Strobach the thimble, and Mrs. Ella Chaillie the dime. Miss Lillian Allen caught the bride's bouquet, and Miss Sybil Powell the garter. The guest book was in charge of Miss Helen Baysinger, and she saw that all present signed their names.

The bride presented each of her maids gold pins.

The bride is the daughter of Mr. and Mrs. Charles Schuman. She is a graduate of the Rolla High School, and afterwards attended Belmont College for Girls at Nashville, Tennessee, where she was a member of Sigma Iota Chi Sorority. Later she attended the University of Missouri. She has always been one of Rolla's most

attractive and popular daughters.

Mr. Needles attended the School of Mines, and graduated in the class of 1914. He is a member of the Pi Kappa Alpha fraternity, Quo Vadis and also the honorary engineering fraternity, Tau Beta Pi. He was held in high esteem by the student body. Since graduation he has followed his profession of civil engineering, and is now in the employ of the Terminal Association at Kansas City.

The young couple were recipients of many handsome presents. They left on the afternoon train for their future home in Kansas City.

Besides a large attendance of guests from Rolla, the following from out of town were present: Mrs. S. Needles, mother of the groom, and her daughters, Mrs. J. W. Whitehead, Misses Lida, Lucy and Margaret Needles, of Kansas City, Dr. W. B. Needles, brother of the groom, and wife and son, Richard, and Clyde Shipley, also of Kansas City; Mrs. J. B. Arbuthnot and daughter, Sara Elma, of Webb City; Mrs. W. C. M. Smith, aunt of the bride, and Schuyler French, of St. Louis; John Schuman, brother of the bride, of Chicago, Mr. and Mrs. Dale Barnard, of St. James.

### Grotts-McCullum Wedding.

Miss Maude McCollum, of Raymond, and Fred Grotts, of St. Louis, but a Raymond boy, were married in St. Louis Saturday. The bride is one of the well known popular young ladies of Raymond, and is a daughter of Mr. and Mrs. John McCullum. Mr. Grotts, more familiarly known among a large circle of friends as "Pretty Grotts," is a son of Mr. and Mrs. Wash F. Grotts, of Raymond. He is a graduate of the Rolla School of Mines, and now holds a lucrative position with the Laclede Gas Co., of St. Louis. The many friends of the young people join in extending congratulations and best wishes.

### FIRST BAPTIST CHURCH,

A. B. Carson, Pastor,

Extends

Greetings to the Students,

and

Wishes for a

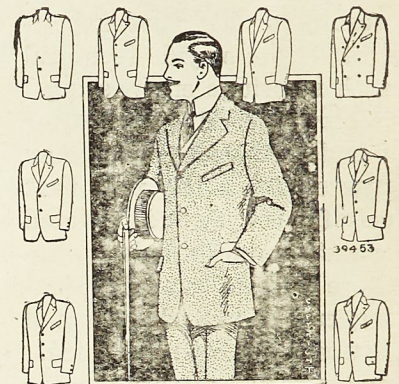
Pleasant and Profitable Year.

### Star Tailoring Shop

8th Street, Upstairs.

Phone 155.

E. A. GRAHAM, Proprietor.



### YOU CAN LOOK NEAT

and make just as smart an appearance in clothes that you have sent to us for

### CLEANING AND PRESSING,

as you could in new ones. It will save you money to bring yours to us regularly. Why don't you give our careful work a trial? We renovate clothing for everybody, and also make a specialty of

Gentlemen's Valet Service.

For Good Things to EAT  
Visit the

# ELITE

All things in all Seasons.

## MINING AND SCIENTIFIC PRESS

(52 Issues per year)

The PRESS will keep you informed of modern practice in mining and metallurgy, new developments of various camps, up-to-the-minute discussions on various subjects, and other news in which you are directly interested.

SPECIAL STUDENT RATE

\$2.00 PER YEAR.

Geo. D. Clayton, Jr., Agent.



**Look for the Card!**

Continued from First Page.

operation is essential to the success of enterprise, we respectfully submit the foregoing for your consideration.

THE BOARD OF CONTROL,  
Missouri School of Mines Athletic  
Association.

**LOOK FOR THE CARD!****Leaves the Times to Become Bride.**

Miss Ella Burton, for more than two and one half years local reporter for The Times, has given up newspaper work for the joys of taking care of a husband. Last Monday, Miss Burton was married to Lawrence Maher, the ceremony being performed by Justice W. M. Brown at St. James at 2:30 that afternoon. The young people went at once to Granite City, Illinois where they took up housekeeping in a cozy home already prepared by the groom.

Mrs. Maher is a daughter of Mr. and Mrs. C. S. Burton of north of Rolla. She is a beautiful and accomplished young lady, possessed of a wealth of sound common sense and business judgment and for himself the editor of The Times can say that he is sincerely sorry that Mr. Maher discovered her many accomplishments and succeeded in persuading her to become the head of a household rather than the head of a newspaper.

Mr. Maher is a former student of the School of Mines. He finished his sophomore year last term and at present holds a responsible position with the Corn Products Refining Co. of Granite City. He is an estimable young man and now that he has taken her help from us we sincerely wish he and his charming bride success, prosperity and happiness.

**WANTED**

A few copies of Vol. II, No. 11, Miners for our files. This number has been lost from our files in some manner. I need about five or six.

EBMEYER.

**Democratic Spirit and Goodfellowship at  
M. S. M.**

Few realize what a big asset the democratic spirit, that general feeling of goodfellowship, is at M. S. M. The average Freshman at first notices it and then takes it as the natural thing. Only those who have attended schools know what it means. There is nothing puts more enthusiasm into a fellow than, upon coming to a strange place, to have a man come up to him and introduce himself. A hearty handshake and a welcoming smile fires the furnaces for many a day's work. In some schools men would stand around the swimming pool and see a fellow drown without attempting to save him because they had not previously been formally introduced. Here a big, broad, clean fellowship of faculty and students alike prevails. Nowhere does a more general spirit of democratic goodfellowship exist than at M. S. M.

Joseph B. Duga,  
Formerly of Ohio State University.

**Football Notes.**

Football practice has started on Jackling Field under the direction of Head Coach Dennie and Asst. Coach Wagner. About thirty men have taken out suits and are wearing off the excess beef in preparation of scrimmage work which will start soon. Asst. Coach Wagner is an old Illinois Uni. star, and his work has impressed his pupils already. He comes to M. S. M. highly recommended.

There are still two weeks left before the James Milliken game on Sept. 30, in which time many of the last year's squad will again appear in harness. Some of the freshmen look promising and will undoubtedly fight hard for places on this year's team.

R. B. Mitchell '11, has gone to Great Falls, Mont., as Chemist for the new zinc plant being started there.

# Dunham's Barber Shop.

**FRESHMEN,**

Get Acquainted.

**SOPHOMORES,**

Renew Acquaintances.

**JUNIORS,**

Always Welcome.

**SENIORS,**

You Know Us.

# Johnson Bros.

**HART, SCHAFFNER &  
MARX CLOTHES,****WALKOVER SHOES,****MANHATTAN SHIRTS.****STETSON HATS,**

# Heller's.

**PHONE 17.****We are the  
TAILORS AND CLEANERS.****ROLLA****Tailoring and Cleaning Co.**

We call and deliver.



## STUDENT ENROLLMENT.

1917 CLASS.	1918 CLASS.	1919 CLASS.	1920 CLASS.	
SENIOR.	JUNIOR.	SOPHOMORE.	FRESHMAN.	SPECIAL.
Ambler, H. A.	Bardsley, C. E.	Aid, H.	Bailey, H. L.	Crenshaw, J. R.
Arnold, E. L.	Clark, H. S.	Alfend, R.	Barnard, C. R.	Howendobler, J. L.
Barton, J. A.	Cunningham, L. H.	Anderson, S. L.	Bloom, G. B.	Johnson, G. F.
Bock, J. H., Jr.	Dawson, T. L.	Ashlock, E. E.	Cairns, A. L.	Lenox, J. L.
Bowles, M. F.	Decker, E. E.	Bates, A. H.	Casselman, L. O.	Rinehart, B. L.
Brown, J. S.	Doeling, V. H.	Beck, S. A.	Charles, B. E.	Smart, R. J.
Cooper, R. D.	Doennecke, H. W.	Benton, L. B.	Clayton, G. D., Jr.	
Crawford, T. R.	Duga, J. B.	Beyer, D. C.	Conrad, J. D.	
Dale, R.	Epperson, C. L.	Bohart, P. B.	Cox, H. C.	
Dolman, P. B.	Fiedler, J. R.	Brazill, M. P., Jr.	Crutcher, W. B.	
Eames, F. L.	Flanders, J. E.	Bruce, R.	Davidson, L. E.	
Ebmeyer, G. E.	Fleming, J. T.	Crow, W.	Dickerson, F. C.	
Elfred, F. S., Jr.	Golick, T. F.	Dorris, C. L.	Donai, W. B.	
Fernandez, A. C.	Goldman, L. H.	Dowd, R. J.	Dorris, M. L.	
Greenburg, D.	Herivel, H. T.	Eulich, A.	Duffy, C.	
Guest, W.	Housholder, E. R.	Forman, P. G.	Dunlop, W. H.	
Heimberger, H. T.	Imlay, J. L.	Freudenberg, W. H.	Ehler, O.	
Heimberger, K. W.	Kahlbaum, Wm.	Gill, J. P.	Elkins, C. E.	
Heman, F. R.	Kern, P. D.	Goldsmith, O.	Evans, R.	
Henschel, R. C.	Lawrence, H. P.	Gotsch, O. H., Jr.	Fenelon, C.	
Hoo, T. C.	Maness, O. N.	Gray, W. D.	Finlay, W. J.	
Horner, H. A.	Morris, J. M.	Haley, R.	Forgotson, J. M.	
Kamp, W. H.	Murphy, E. N.	Hansen, K. F.	Fox, G. N.	
Kaplan, L.	Ore, F. B.	Harlowe, L. S.	Gettler, C. A.	
Kluge, H. A.	Pugh, J. W.	Harris, H. S.	Goolsby, J. A.	
Lask, H. A.	Reber, W. H.	Hodges, J. T.	Hahn, A.	
Lesniak, S. W.	Schnaidt, C. M.	Hurd, H. W.	Hayes, S. M.	
Lucky, M. C.	Shonfeld, M.	Kamp, H. G.	Hodges, I.	
Lyons, R. P.	Sherwood, J. C., Jr.	Kerr, A. J.	Hollow, E. J.	
Miller, E. A.	Stahl, H. R.	Krause, F. A.	Hoppock, H.	
Muehlberg, C. E.	Stoner, O. E.	Lang, F. R.	Howald, A. M.	
Nevin, J. R.	Tao, H. T.	Larsh, N. B.	Hume, H. C.	
Pape, P. F.	Terry, M. L.	Lottmann, W. F.	Hummel, C. B.	
Peterson, C. A.	Valentine, H. F.	Lynn, E. A.	Hurst, H. W.	
Powell, W. C.	Wilson, E. D.	McCarthy, M.	Jackson, T.	
Raible, J. C., Jr.	Zeuch, W. C.	Miller, G.	Johnson, E. C.	
Reilly, J. G.	Zoller, L. J.	Moore, F. V.	Johnson, N. P.	
Scheurer, L. R.		Morris, T. C.	Johnson, R. L.	
Schiermeyer, H. J.		Nichols, B. G.	Johnston, I. B.	
Schroer, E. A.		Niece, W. L.	Jungk, C. F.	
Shaw, W. A.		Nolte, W. J.	Keeler, W. W.	
Shayes, F. P.		Oakleaf, L. R.	Kroenlein, G. A.	
Shipley, J. J.		Olson, C. N.	Klyman, J. H.	
Shriver, R. O.		Oyler, W. E.	Laun, A. C.	
Teas, H. J.		Petsch, A. H.	McMillen, F. M.	
Walsh, J. K.		Potts, A. D.	Mann, M. R.	
Walsh, T. P. F.		Pray, D. P.	Meyer, J. H.	
Weimer, E.		Pryor, G. W.	Miller, J. G.	
Wilson, G. B.		Rice, C. C.	Moore, J. J.	
		Scothorn, C. W.	Norville, G. S.	
		Scott, J. W.	Novak, J., Jr.	
		Scrubby, H. D.	Place, R. N.	
		Shore, H. F.	Pope, F. A.	
		Starkey, A. C.	Rackett, G. T.	
		Stokes, L. W.	Richmond, W.	
		Triefenbach, G. L.	Riddlsperger, R.	
		Weiser, H.	Schumacher, L. B.	
		Wilkinson, P. D.	Sherman, B. E.	
		Williams, A. C.	Slover, E. A.	
		Wilson, C. C.	Sprigg, S. N.	
		Wilson, K. C.	Stanfield, E. R.	
			Stroup, R. K.	
			Stubbins, J. R.	
			Stubbs, R. N., Jr.	
			Taylor, F. H.	
			Tidd, L. M.	
			Turnbull, R. M.	
			Turner, B. H.	
			Uthoff, F. W.	
			White, F.	
			Whitworth, V. L.	
			Wills, R. B.	
			Wright, K. M.	
			Zieseniss, H. W.	