



17 May 1941

The Missouri Miner, May 17, 1941

Follow this and additional works at: https://scholarsmine.mst.edu/missouri_miner

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, May 17, 1941" (1941). *The Missouri Miner Newspaper*. 931.
https://scholarsmine.mst.edu/missouri_miner/931

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.

14-41
378.178
MSM C.2
Hunter, Reno, and tied for 10 3-4 in. 7 in. set in 1933. by Ali. second, Bos. fourth, fifth, Le. s. n by May. and, Her. nka, Mary. Maryville. Warrensburg. urdles—Mid. of Cape G. third, Wat. h, Kendal. Cape G. by Wolfe. and, Milne. d, Schotte. oods, Rolla. eld, Distanc. Won by. eard, Milne. rd, Hick. eCane, Cap. Wolfe, Cap. 132 ft., 8 in. avis, Mary. e Girardeau. rd, Eldred. Rice, Cap. Crawford. 22 ft., 1 in. Won by Lin. second, D. edean; this. fourth, Stra. Wolfe, Cap. 180 ft. ell, after. Harry Deac. ell, the De. a horse da. William s. the brand. cheer his co. afraid th. ough to a. appreciated. as given. home? whisper. C. LLER IST te Drugs 201. E. NE 191

THE MISSOURI MINER

Missouri School of  Mines & Metallurgy

Vol. 27—No. 59

Rolla, Missouri

Saturday, 5-17-41

Ullrich Awarded AIME Scholarship

Melvin C. Ullrich, junior mining engineering student, has been awarded the 1941-42 scholarship given by the St. Louis section of the Women's Auxiliary of the American Institute of Mining and Metallurgical Engineers.

Ullrich is president of the Rifle Club; vice-president of Tau Beta Pi, engineering scholarship fraternity; vice-president of the Independents; and vice-president of the Missouri School of Mines Post of the Society of American Military Engineers. He is a member of the student chapter of the American Institute of Mining and Metallurgical Engineers, intramural novice boxing welterweight champion, and an intramural swimmer.

The award was announced Thursday, May 15. Robert Stowell was the recipient of last year's award.

DeVaney Transferred To South Dakota

Fred D. DeVaney, Associate Metallurgist of the Mississippi Valley Experiment Station of the United States Bureau of Mines, is being transferred for the summer to Chamberlain, South Dakota. Mr. DeVaney will aid in the establishment of a pilot mill for the treatment of manganese ores in the Chamberlain vicinity.

Muskopf Vice-President Of Student Council

At a meeting of the Student Council Monday, May 12, Oscar Muskopf, junior chemical engineer, was elected vice president. Business taken up following the election was approbation of a movement to obtain a newly designed school flag for the School of Mines. Complaints about the use of the tennis courts and Jekling Gym by non-students were heard at the meeting.

Engineers License Bill Perfected By Senate

The bill introduced by Senator Allison to license engineers and architects in the state of Missouri was perfected by the State Wednesday, May 14.

If passed by the Senate and House the bill will require all laymen who are working in Missouri as engineers and architects to obtain a license. The bill will not have any great effect on engineers who are working for companies, but is designed to license specialized engineering firms.

Rifle Club Wins 22, Loses One This Year

Winning 22 out of 23 intercollegiate matches, forfeiting one, and placing third in two national events, the M. S. M. rifle club has again made a record of which the School of Mines may well be proud. Last year the team was ranked among the ten best college teams in the United States, and this year, with most of its veteran marksmen still on the range, it upheld its former record.

Fick, Fields and Finley, graduating seniors, shot the highest scores both this year and last, and Mel Ullrich, junior, placed fourth, lagging behind the seniors by only a few points.

The team is coached by Sergeant Byram of the School of Mines staff, and fires a large majority of its matches with R. O. T. C. teams in other schools.

Average scores for the year are as follows:

Fick	377
Finley	376
Fields	374
Ullrich	372
Fox	364
McAnerney	364
Mengel	363
Johannes	363
Schultz	360
Burst	359
Schill	355
Faulkner	351
Martin	338
Doerres	338
Krueger	339
Shaver	334
Witt	332

The team averaged 3674 for all the ten-men four-position matches fired.

Pohl Elected Master Alchemist

Robert Pohl was elected Master Alchemist of the Beta Delta Chapter of Alpha Chi Sigma, professional chemical fraternity, for next semester at the meeting held Wednesday night. Other officers elected were: Ray Carmack, Vice-Master Alchemist; Mike Gobush, Recorder; James C. Johnson, Treasurer; and Don Strehlau, Master of Ceremonies.

Plans were made for the initiation of Charles Koch, which will be held May 24. The Beta Delta Data, the news publication of the Missouri School of Mines chapter of Alpha Chi Sigma, was published May 14.

Carl Zvanut has been awarded membership in the American Chemical Society for being the highest ranking senior chemical engineer.

Yates Resigns; Will Work For Westvaco Company

W. E. "Bill" Yates, Instructor in Chemical Engineering for the past three years, has resigned and accepted a position with the Westvaco Chlorine Products Company at Charleston, West Virginia.

Mr. Yates took his degrees of Bachelor of Arts and Bachelor of Science from Northwestern Missouri State Teachers College with chemistry and physics majors. He received his degree of Master of Science in Chemical Engineering from Iowa State in 1938. He will take the preliminary examinations for the degree of Doctor of Philosophy in Chemical Engineering at Iowa State this summer. Mr. Yates will begin his duties with the Westvaco Company the first of August.



Rassinier Wins Essay Prize

Edgar Rassinier, mining geologist, was awarded \$5 by the M. S. M. chapter of Tau Beta Pi, national honor fraternity, for writing the best 2000 word non-technical research paper submitted by the 1941 pledges. His paper was entitled "The Layman and Strategic Minerals." It will be entered in the national Tau Beta Pi contest as the representative paper from the School of Mines.

Rassinier's theme won in preference over 14 others submitted by Tau Beta Pi pledges.

Survey of Schools Shows Excess of Interviewers To Engineering Schools

A recent survey conducted by the MINER shows that this year engineering colleges are flooded with company interviewers who are seeking to recruit engineering graduates.

The survey also revealed that, although the number of seniors per interviewer varies with different schools, almost all of the colleges report that between 90 and 95% of their senior class is already employed.

The number of interviewers visiting engineering colleges for the purpose of selecting senior engineers, and the respective enrollment of the schools is as follows:

Purdue University (3487) 188
University of Pittsburgh (Engineering College) (4285) 100

Athletic Council Verifies Sports Lettermen; 71 Recipients This Year

Pi Delta Chi Elects Jean Lloyd President

At a meeting of Pi Delta Chi held last Tuesday evening at the home of Dr. and Mrs. W. T. Schrenk, Miss Jean Lloyd was elected president of the sorority for the coming year. She will succeed Miss Jane Hall, a graduating senior.

Other officers elected were: Miss Mary Ruth Wilson, treasurer, and Mrs. Homer Kerr, secretary. A committee composed of Miss Irene Davis, historian, and Eleanor Gibson, pledge advisor, was appointed by the new president.

The election took place after a picnic steak fry in Dr. Schrenk's yard. Mrs. Schrenk is the sorority advisor.

The sorority will hold a joint banquet for the Co-ed Alumni of M. S. M. and Pi Delta Chi members on May 24 at the Methodist church. Mrs. Eva Hudler Green and Mrs. Cornelius Roach, both graduates of M. S. M., will be guest speakers. Tickets are on sale at the Lloyd Shop. All Co-ed alumni are urged to attend.

Eleanor Gibson will give a luncheon Saturday at the Colonial Village in honor of Jane Hall, graduating co-ed. All members of the Alpha chapter of Pi Delta Chi sorority will be guests.

A new course, "Courtship and Marriage," offered at Bucknell university is the most popular on the campus.

On Monday of this week at 4:00 p. m. the athletic council met at the summons of Coach Bullman and verified his recommendation for lettermen in the following sports; Golf, Tennis, Swimming, Basketball, and Track.

The twenty-four football letters were awarded at the end of last semester.

A total of seventy-one letters were awarded this year to the varsity teams. Fifty three major letters were awarded in Football, Track, and Basketball. Eighteen letters in the minor sports were awarded. These sports are Swimming, Tennis, and Golf.

The following men have been passed by the council, but the awarding of letters will be held up pending satisfactory grades.

The Varsity Football List
Bruce, Cook, Cunningham, Domjanovich, Fullop, Hancock, Hoby, Kane, Kiburz, Koerner, Koziatek, Kronka, Krueger, Leone, Nevins, Rogers, Schumacher, Stockton, Strawhun, Veale, Woods, Bennetsen, Durphy, Corneau, and Nicola.

Track
Varsity trackmen in order of their points gained are: Nelson Ga Nun, Leo Spinner, Cliff Corneau, Tommy Pierce, Neal Woods, Charlie Mitchell, Joe La Barge, Ira Perkins, Herb Kalish, Paul Bouchier, Bob Kendall, Harold Haas, Antone Leone, Joe Bush, Norman Batterman, Bill Brown, and Joe Van Pool.

Basketball
Basketball lettermen included: George Allison, Ed Blair, Bob Bruce, Keith Cook, Marion Main, Nick Mushovic, Bill Nesley, Jack Nevin, Bill Schroeder, Art Scholz, Don Smith, Harold Wampler.

Swimming
The following men made minor letters in swimming: Cochran, Hadley, Brackett, Brouk, Bierman, Berndt, Shockley, Burberry, Schaum.

Tennis
Tennis men that lettered are: Mooney, Aschemeyer, Dunn, and Fleischli.

Golf
These boys made golf letters: Clarkson, Beard, Sexton, Westwater, and Nevin.

The following men made more than one letter this season: Corneau, Woods, Leone, Bruce, and Cook.

NOTICE
A. S. M. E. spring outing today on the upper athletic field beginning at 2:00.

THE MISSOURI MINER



The MISSOURI MINER is the official publication of the Students of the Missouri School of Mines and Metallurgy. It is published every Tuesday and Saturday during the school year. Entered as second class matter April 2, 1915, at the Post Office at Rolla, Mo., under the Act of March 3, 1879.

Subscription price—Domestic \$1.50 per year, Foreign \$2.00 per year. Single copy 4 cents.

REPRESENTED FOR NATIONAL ADVERTISING BY
National Advertising Service, Inc.
College Publishers Representative
420 MADISON AVE. • NEW YORK, N. Y.
CHICAGO • BOSTON • LOS ANGELES • SAN FRANCISCO

Associated Collegiate Press

Distributor of

Collegiate Digest

Member of

Missouri College Newspaper Association

Editor-in-Chief Charles E. Zanzie

Managing Editors Kent Martin, Kenneth Vaughan

Advertising Manager Robert Brackbill

Business Manager Presley Paul

Circulation Manager Robert Pohl

History Is Being Made

As the school year closes we can look all about us and see events that will fill important chapters in history books and historical accounts.

The war in Europe has increased to enormous proportions and threatens to involve the United States in a struggle which may overshadow all previous ones by its immensity.

Business is skyrocketing throughout the country. Economically, we are witnessing the most intense program of "pump-priming" ever to be carried on in this, or probably any other country.

Locally, the administration of the School of Mines is going through another turmoil which may be the final one of its kind if Legislative action is favorable.

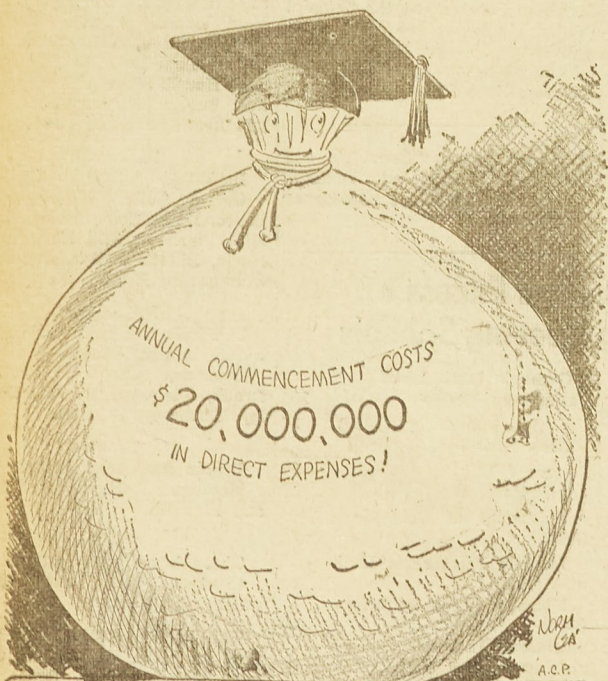
We are living in a historical time, although many may not recognize the fact now. Nevertheless, probably all of us will remind our posterity of "the good old days."

After studying true chamelons, Dr. Sarah Rogers Astatt, zoology professor at University of California, concludes they are a first cousin to the horned toad.

DANCE DATES

May 17 Theta Kappa Phi
May 24 Sigma Pi
May 27 Commencement Ball
May 28 Lambda Chi Alpha

Eyes Over The Campus



THE CLASS OF 1941 - 160,000 STRONG - WILL START TO EARN 29 BILLION DOLLARS IN JUNE! EACH GRADUATE WILL EARN APPROXIMATELY \$194,000 BEFORE RETIRING OF OLD AGE IN 1981

Rolla Plans To Provide Recreation For Soldiers

Plans are being made by the Community Recreation Committee of Rolla to provide some sort of wholesome recreation for Ft. Leonard Wood soldiers visiting this city.

Coach Gale Bullman of the School of Mines is in charge of sports recreation for soldiers in Rolla, and is contemplating having the School of Mines pool open to soldiers during the summer. He is also planning a number of events for next year in which M. S. M. teams will compete with Ft. Wood soldiers.

Since many of the soldiers stationed at the camp will be fraternity members, it is hoped by the committee that some plan may be worked out whereby the MSM fraternities will entertain the soldiers.

Plans are contemplated for establishing some sort of recreation center in conjunction with an information bureau to accommodate these men.

JOKES

Your sister is spoiled, isn't she?

No, that's just the perfume she uses.

The old fashioned girl took two drinks and went out like a light; the modern girl takes two drinks and out goes the light.

A professor approached a cigar counter and said, "I usually smoke that brand in the can." "And that's a good place to smoke 'em," replied the sweet thing behind the counter.

"These rock formations," explained the guide, "were piled up here by the glaciers."

"But where are the glaciers?" asked a curious old lady.

"They have gone back, Madam, to get more rocks," said the guide.

Two street urchins were watching a barber singe a customer's hair. "Gee," said one to the other, "he's hunting 'em with a light."

He had stolen a hurried kiss. Don't you know better than that, she asked? Sure, he replied, but they take more time.

A dumb girl is a dope. A dope is a drug. Doctors give drugs to relieve the pain. Therefore a dumb girl is just what the doctor prescribed.

She: Oh, a bug!
He: Oh "that's just a lady bug."
She: My, what eyes you have.

Women are like a pack of cigarettes, you can't enjoy more than one at a time.

If love is blind
And lovers don't see,
Then why the deuce
Don't someone love me!

Professor of Economics: "You boys of today want to make too much money. Why, do you know what I was getting when I got married?"

Voice from Last Row: "No, and I'll bet you didn't either."

"I wanna come in."
"No, you can't come in."
"Why can't I?"
" 'Cause mamma says boys should not see little girls in their night gowns."
Short silence.
"You can come in now, I took it off."

Eng. Prof.: Mr. Gish, correct this sentence. Girls is naturally better looking than boys.
Joe: Girls is artificially better looking than boys.

Mother: Have a good time at that ship's dance tonight, dear, and be a good girl.

Daughter: Make up your mind, mother.

Prof.: A fool can ask more questions than a wise man can answer.

Frosh: That's why I flunked.

"Naw, I'm afraid t'go home. Wife'll smell m'breath."

"Hol' y'r breath."

"Can't. Sh' too shtrong." ..

The absent-minded professor that we would like to meet is the fellow who would lecture to his steak and cut his classes.

Botany students at South Dakota State college will attend summer camp in the Black Hills.

In a blanket decision, 575 coeds at Pennsylvania State college lost their one o'clock date privileges for skipping a compulsory mass meeting.

University of Georgia art department drew up a check 25 feet long, by means of which university sororities made a donation to the British relief campaign.

Sophomores at Butler college elected twins, Barbara and Marjorie Kelly, as "Sweethearts of Butler."

First chapter of a national fraternity ever established in the south was a "temple" of the Mystical Seven organized at Emory university about 1840.

ALPHA PSI OMEGA FINANCIAL STATEMENT

May 2, 1940 to April 30, 1941

RECEIPTS:

On hand May 2, 1941	\$ 30.32
From General Lectures Committee	75.00
Advertising	27.00
Sale of Tickets	15.00
Initiation Fees	12.00
	\$159.54

EXPENDITURES:

Outing (May 1940)	10.00
Shingles for new members	1.00
Royalty on play	21.09
Expenses of producing play	38.67
Direction of play	30.00
Fees to National Chapter	12.00
Outing (April 1941)	5.18
Miscellaneous	3.00
Balance on hand April 30, 1941	38.60
	\$159.54

JANE HALL, Treasurer.

Accounts Audited: NOEL HUBBARD, Asst. Student Advisor

FINANCIAL STATEMENT BLUE KEY FRATERNITY

May 1, 1940 to May 1, 1941

RECEIPTS:

Balance on hand May 1, 1941	\$ 43.29
Receipts from new members	210.00
Receipts from Student Directory	72.00
Sale of banquet tickets to Juniors	5.25
Sale of Shingle to old member	1.00
Luncheon fees	87.50
	\$419.04

EXPENDITURES:

Printing Student Directory	\$ 55.08
Blue Key National dues	91.00
Keys and Shingles for members	60.00
Initiation banquet	32.26
Freshman part	20.09
Luncheon expenses; speakers, new members	87.50
Shingle Awards, Class of '42	3.50
Convention Delegate expenses	15.00
Scoreboard material	5.34
Stationary	5.75
Postage	1.00
Miscellaneous	5.75
Balance on hand May 1, 1941	36.77
	\$419.04

Accounts Audited: Noel Hubbard, Asst. Student Advisor.

FOR RENT FOR SUMMER —
5 sleeping rooms, 102 W. 12th.
Phone 142.

Arthur C. Schaefer New York Life Insurance Co

**Favorite of 90 per cent
of 1940 MSM Gradu-
ates.**

Get unbiased facts before you
buy, and save money.

VIA'S

**The Store Where
Your Money Buys
MORE
- NOTIONS -
- NOVELTIES -
- School Supplies -**

MINERS See The New Fortune Shoes at ROLLA MEN'S STORE

711 Pine Ph. 113

**FAMOUS
for
STEAKS
and
CHOPS
Choice Steak
Dinners 75c Up
Students Invited
CAPITOL
RESTAURANT**
7th & PINE ROLLA

**COEDS
MAKE A STANDING DATE
At The
CAMPBELL BEAUTY SHOP
— PINE STREET —**

Off the Campus

Lambda Chi Alpha
Lieutenant and Mrs. Robert
Larson were dinner guests last
Thursday evening. Lieut. Larson
is a Lambda Chi from Iowa State
College and is now employed at
Fort Leonard Wood.

Theta Kappa Phi
Theta Kappa Phi will hold its
annual spring formal dance Sat-
urday night at the Chapter house.
In the afternoon the active mem-
bers are playing the alumni
members a softball game. The
highlight of this game will be
the "spring outing" which fol-
lows. Last year the actives were
defeated, so this year they are
out to get revenge.
Numerous out of town dates
as well as a large number of
alumni are expected for the
dance.

"M" Club Meets

The Monogram Club held their
last meeting of the current se-
mester last night at the club
room. The meeting was short with
the financial statement of the
year as the main order of busi-
ness. Nelson GaNun, president,
informed the newly initiated
members that keys will be here
next week.

Colgate university has been
presented the 1,000 volume
geological library of the late Dr.
Albert Perry Brigham, former
president of the Association of
American Geographers.

**For GOOD FOOD
don't forget
Sno-Wite Grill
110 W. 7th**

**MINERS
Have your
eyes examined
before you
start studying
for your final
exams.
See
DR. O. GARRISON
Optometrist**

Ode To An Engineer's Sweetheart

Why Not to Marry an Engineer
Verily, I say unto ye, marry
an engineer;

For an engineer is a strange
being and is possessed of many
evils,
Yea, he speaketh eternally in
parables which he calleth for-
mulae,

And he wieldeth a big stick which
he calleth a slide rule,
And he hath only one bible, a
hand book.

He thinketh only of strains and
stresses, and without end of
thermodynamics.

He showeth always a serious as-
pect and seemeth not to know
how to smile.

And he picketh his seat in a car
by the springs therein and not
by the damsels.

Neither does he know a water-
fall except by its horsepower,
nor a sunset except that he
must turn on the light, nor a
damsel except by her weight.

Always he carrieth his books with
him, and he entertaineth his
sweetheart with steam tables.

Verily, though his damsel ex-
pecteth chocolates when he
calleth, she openeth the pack-
age to discover samples of iron
ores.

Yea he holdeth her hand but to
measure the friction thereof;
and kisseth her only to test
the viscosity of her lips, for in
his eyes there shineth a far a-
way look that is neither love
nor a longing look — rather a
vain attempt to recall formulae

Even as a boy he pulleth a girl's
hair but to test its elasticity.
But as a man he deviseth devices,
For he counteth the vibrations of
her heartstrings and

He seeketh ever to pursue his
scientific investigations;
Even his own heart flutterings he
counteth as a vision of fluctua-
tion,

And enscribeth his passion as a
formula.

And his marriage is a simultane-
ous equation involving two un-
knowns and yielding diverse
results—

Track And Field Records of MSM

The following is a list of Mis-
souri School of Mines field rec-
ords which are held by MSM men
of the past. In order to set a field
record, the event must be won
under competition.

100 yd. Dash: F. L. Dover,
1915; J. L. Inlay, 1915; J. Mc-
Gregor, 1935; Otis Talyor, 1939.

220 yd. Dash: J. McGregor,
1934, 21:6s.

440 yd. Dash: G. Gowan, 1914.
18:4s.

880 yd. Dash: I Irwin, 1932.
1:59s.

1 Mile Run: Geo. Fort, 1938.
4:38:2.

Two Mile Run: A. Tucker,
1938, 10:26:9.

120 High H.: M. S. Mazany,
1909, 16s.

220 Low H.: N. G. Tamm, 1928.
25:7s.

High Jump: R. C. Lange, 1935.
6:31:1-8.

Pole Vault: D. Moulder, 1931.
12:4 1-2.

Broad Jump: J. McGregor, 1936.
21:7 3-4.

Shot Put: C. Johnson, 1928.
42:9 1-2.

Discuss: C. Johnson, 1928, 134:6.

Javelin: Geo. Machens, 1938.
179:9.

Mile Relay: W. Coghill, 1932,
W. Irwin, R. Monroe, Pfeiffer,
3:27.6.

880 Relay: W. Coghill, E. Nick-
el, N. Everett, D. Howerton, 1933.
1:31:3.

Margaret Whitcomb, a 1939
graduate, is the first girl meteoro-
logy instructor to teach at
Massachusetts Institute of Techno-
logy.

6:31:1-8.
Pole Vault: D. Moulder, 1931.
12:4 1-2.
Broad Jump: J. McGregor, 1936.
21:7 3-4.
Shot Put: C. Johnson, 1928.
42:9 1-2.
Discuss: C. Johnson, 1928, 134:6.
Javelin: Geo. Machens, 1938.
179:9.
Mile Relay: W. Coghill, 1932,
W. Irwin, R. Monroe, Pfeiffer,
3:27.6.
880 Relay: W. Coghill, E. Nick-
el, N. Everett, D. Howerton, 1933.
1:31:3.

Margaret Whitcomb, a 1939
graduate, is the first girl meteoro-
logy instructor to teach at
Massachusetts Institute of Techno-
logy.

Dr. B. R. Conyers
201 Telephone Bldg.
Phone 35

ROLLA STATE BANK

**Large Enough to Serve You
Strong Enough to Protect You
Small Enough to Know You**
Member Federal Deposit Insurance Corporation
Established 1894

PINE STREET MARKET — GROCERIES

MEATS

VEGETABLES

WE DELIVER — PHONE 77

ROLLA BAKERY

A HOMETOWN
CONCERN
OFFERS YOU

Fresh Vitamized Bread
7th & Rolla

★ ★ The "GENERAL WOOD"

Take advantage of this new, con-
venient service... run up to St.
Louis... or down to Springfield.
Frequent bus service from Rolla
and Newburg by the Frisco
Transportation Company to and
from Fort Leonard Wood.

COMFORTRAIN
between ST. LOUIS
and SPRINGFIELD
and intermediate stations.

Read Down
8:25AM Lv. St. Louis Ar. 4:15PM
8:35AM Lv. Tower Grove Ar. 4:00PM
10:46AM Ar. Rolla Lv. 1:22PM
11:06AM Ar. Newburg Lv. 1:05PM
2:05PM Ar. Springfield Lv. 9:50AM



Ask the
FRISCO TICKET AGENT
about low coach fares

Exclusive Agency
Hollingsworth's
UNUSUAL CANDIES
Rollamo Soda Shop

**Tucker's
PASTEURIZED
Milk**

Miners are
Always
Welcome
**J. J. FULLER
JEWELER**

Gruen, Hamilton
Bolova, Waltham
and Elgin Watches



SLIDE RULES AT SCOTT'S - The Miner's Co-op and Book Exchange

Owned, controlled and operated by former students of M. S. M.

52 years at 8th & Pine.

Rollamo Theatre

SATURDAY

Doomed Caravan
featuring
WILLIAM BOYD
with RUSSELL HAYDEN

"FLIGHT FROM DESTINY"
starring
Thomas MITCHELL
Geraldine FITZGERALD
James STEPHENSON
Jeffrey LYNN
Mona MARIS

OWL SHOW—T-O-NIGHT
11:15 P. M.—Adm. 10-20c

Terror Stalks Ancestral Halls!

Who Killed Aunt Maggie?
A Republic Picture with
John Hubbard • Wendy Barrie

SUN. and MON.
Sun. Shows Cont. from 1 p. m.

THE GREATEST
MUSICAL OF THEM ALL

Alice

FAYE

Jack OAKIE

John PAYNE

Cesar ROMERO

THE GREAT
AMERICAN
BROADCAST

TUESDAY

GEORGE MURPHY
a girl a guy and a god
with LUCILLE BALL

WED. and THURS.

YOU'RE the ONE!
BONNIE
BAKER
ORRIN
TUCKER
JERRY
COLONNA

Robert
MONTGOMERY
Ingrid
BERGMAN
Rage in Heaven
M-G-M Picture

U. S. Bureau of Mines Working On Low Grade Manganese Development

By F. J. Radavich

Development of domestic low-grade manganese ores to fill the vital need for the strategically important metal, manganese, is the problem confronting the U. S. Bureau of Mines Station on the Missouri School of Mines campus. America is rich in widespread deposits of low-grade ores: Arkansas has substantial deposits; the Dakota deposits are quite extensive; and the Colorado and New Mexico deposits are noteworthy. Occurrence of phosphorus with the domestic manganese ores creates a formidable barrier to the production of good ferro-manganese and, consequently, a high quality steel. Of late, new and greater efforts are being made to accomplish self-sufficiency in manganese.

While the manganese resources of Cuba and Brazil are being thoroughly investigated and utilized, the supreme effort is being made to utilize our domestic ores. Previously, the United States has relied chiefly upon Russia and the Gold Coast for 90 per cent of its manganese. With the present enormous production of steel the limited available supplies and reserves of manganese make it imperative that the United States produce a substantial percentage of its manganese needs. One can appreciate the extent of this demand if it is noted that about 14 pounds of manganese are added to every ton of steel produced.

Lately a controversy has been raging between exponents of the two different commercial methods of producing industrial manganese: electrolytic and ferro-manganese. Electrolytic manganese is the result of extensive research work done at the Mississippi Valley Station of the U. S. Bureau of Mines at Rolla. An ingenious electrolytic cell containing separated anodes and cathodes in the electrolyte (manganese sulphate with the conditioning agent, ammonium sulphate,) gives a high purity manganese. Ferro-manganese and spiegeleisen, both products being made by the simultaneous reduction of their ores in a blast furnace, contain approximately 75 per cent and 10 per cent manganese respectively. Steel interests, crying for more

manganese, yet maintaining an alert eye for profits in the production of ferro-manganese, have been attempting to stifle the commercial production of electrolytic manganese. Very recently in a strategic metal conference in Washington, the very bitterest of opponents of electrolytic manganese was a high executive from a leading steel concern. While the gem of honesty and decency

seems to be worn tarnished by not a few, man reaches the lowest level of degradation when he pawns the jewel of patriotism.

ASHER FOOD MARKET

GROCERIES and MEATS
BIRDS EYE FROSTED FOODS

WE DELIVER

Phone 17

700 Pine St.

With America out-of-doors It's Chesterfield

Smokers everywhere like their
COOLER, Milder, BETTER TASTE

With outdoor lovers the country over, there's nothing like Chesterfield for a completely satisfying cigarette...they're always Cooler-Smoking, Definitely Milder and far Better-Tasting.

Chesterfield's right combination of the world's best cigarette tobaccos is the big reason for their ever-growing popularity.

EVERYWHERE YOU GO

They Satisfy



Shown above are Ronald Reagan and Jane Wyman, famous movie couple. He is starring soon in "FLIGHT PATROL," she in "BAD MEN OF MISSOURI," both for Warner Bros.

When Others
FAIL
Bring Your Watch
To
J. M. PIRTLE
I TAKE PRIDE
IN JOBS TOO
DIFFICULT FOR
OTHER JEWELERS

Copyright 1941, LIGGETT & MYERS TOBACCO CO.