



19 Nov 1941

The Missouri Miner, November 19, 1941

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THE MISSOURI MINER

Missouri School of  Mines & Metallurgy

VOLUME 28

ROLLA, MO.

WEDNESDAY, NOVEMBER 19, 1941

NUMBER 19

Theta Tau Pins 15 Men Thursday

Theta Tau Fraternity pinned fifteen pledges last Thursday and announced their names at the Tri-Tech dance Friday night. Their initiation is expected to be held on the fourteenth of December.

Theta Tau is a national professional engineering fraternity whose purpose is to develop and maintain a high standard of professional interest among its members, and to assist one another professionally and personally in a practical way, as students and alumni.

The new pledges are as listed below.

George Thomas, Sigma Nu, and a Cadet Staff Sergeant.

Jack Reed, Sigma Nu, R. O. T. C. Cadet Platoon Sergeant, Alternate member of the Student Council, and a scholastic leader in '40-'41.

Ralph Ruwwe a scholastic leader, '40-'41.

George Allison; R. O. T. C. Band member, letterman in basketball '41, M Club member, and a member of the Engineers Club.

Joe Eisman, a member of the Engineers Club and an R. O. T. C. Cadet Corporal.

Tom Brannick, Student Council member, a scholastic leader '40-'41, and a member of the Shamrock Club.

Latrell Jones who is a letterman in football.

Vernon Gehrre, an R. O. T. C. Cadet Corporal, a member of the the Engineers Club, and Secretary of A. I. E. E.

Dick Schaum, who is a letterman in swimming.

Charles Mitchell, a member of the Engineers Club, letterman in football, an alternate member of the Student Council, a member of the Miner Board, letterman in track, and a member of the "M" Club.

Nicholas Mushovic, lettered in basketball, a member of the "M" Club, letterman in football, and a member of Lambda Chi Alpha.

Jim Neustaetter; an R. O. T. C. Cadet Corporal and a member of the Engineers Club.

Leo Spinner; letterman in track, a member of the "M" Club, an R. O. T. C. Cadet Platoon Sergeant, and a member of the Tech Club.

Don Studebaker who is a transfer from Springfield Teachers College.

Jack Doerres; an alternate member of the student council, a scholastic leader '40-'41, a member of the rifle team in '41, and a member of the Engineers Club.

Historical Society Has History Books For Sale

The Phelps County Historical Society has asked for donations in order that it can publish the new book "History of the Missouri School of Mines." Anyone giving five dollars or more to the fund will be donated a copy of the book.

These books may be secured from Mr. B. H. Rucker at 7th and Pine Streets in the abstract office.

HEAR YE!

Be it known that the Mechanical Dept. is the best in School—they wish to extend their prowess by whipping the Senior E. E.'s in a touch football contest on December 7. The loser providing the "grog."
(Naturally)
(Signed) Senior M. E.'s

J. P. Moll Talks On "Investments"

Mr. J. P. Moll, who is employed in the Secretary of State's Office at Jefferson City, Mo., gave a talk on "Investments" at the assembly held Monday in the Auditorium in Parker Hall, under the auspices of Professor M. D. Orten.

Mr. Moll explained the degree to which stocks and bonds are used as investments and stressed the fact that the individual investor cannot sink his money in stocks or bonds and rest assured that the investment is safe.

He also gave accounts of the procedure followed in the registration of a corporation in the State of Missouri. "There are two ways to register," he explained. "First by notification and second by qualification."

In closing, he told of four major points for the investor to consider in making an investment. First, security of principle; second, income; third, character or reputation of the corporation, and fourth, liquidity of investment.

He said that the present defense bonds are 100% liquid.

ROTC Pictures

The Rollamo pictures of the R. O. T. C. regiment will be taken today during the regimental drill period. Any students who have good pictures of the R. O. T. C. units taken in the past are requested to turn them in to the Military Department. Pictures used in the Rollamo will be paid for.

ACP Conventioners Will Be Guests At Game Tomorrow

It is expected that 500 delegates of the Associate Collegiate Press convention which will be held in St. Louis, Nov. 20, 21, and 22, will be guests of Washington University at the Miner-Bear football game on Thanksgiving day.

The A.C.P. Convention will draw student editors together from the 43 states, and all of them will be invited to attend the game at no charge except the 20c tax.

Among the conventioners will be Charles Zanzie and Kenneth Vaughan as delegates of the Miner staff.

The headquarters of the convention will be at the Statler Hotel. Highlights on the three-day program are talks by Daniel Fitzpatrick, a Pulitzer prize winning cartoonist, Branch Rickey, vice-president of the St. Louis Cardinals, Munro Roberts, St. Louis newspaper executive, and Irving Dillard, National president of Sigma Delta Chi journalism fraternity. The convention covers twenty pages, and is crammed full of activity.

TriCoOp Dance Prizes Won By Witt, Comstock, And Ginzberg

The members of the Shamrock Engineer, and Tech Clubs swung out last Saturday night in the typical fashion for which the Miners are famous. The occasion was a "shipwreck" costume dance. Music was furnished by the varsity orchestra. Prizes of three dollars each were awarded to Jack Witt and Arlene Comstock for being the best costumed couple, and to Gerson Ginzberg for being the best costumed stag.

The costumes, conceivably were those pieces of clothing being worn at the time of the wreck. Jackling Gym was appropriately decorated for the occasion with crepe paper streamers, painted port holes, and life

These Men Are Pledges of Theta Tau



These men were pledged recently by the Iota chapter of Theta Tau, professional engineering fraternity. They are, left to right, front row; William Neustaetter, of St. Louis, Charlie Mitchell, of St. Louis, Latrell Jones, of Webster Groves, Richard Schaum, of North Tonawanda, N. Y., and Jack Reed, of Springfield, Mo.; second row; Thomas Brannick of Bridgeport, Connecticut, Jack Doerres, of St. Louis, Vernon Gehrre, of St. Louis, George Thomas of St. Joseph, Mo., and George Allison, of Chester, Illinois; third row; Joe Eisman of Benld, Illinois, Ralph Ruwwe of St. Louis, Nicholas Mushovic of Bernardston, Mass., and Donald Studebaker, of Humansville, Mo. Leo Spinner, of Palestine, Ill., was also pledged, but is not in the picture.

Miners And Bears Clash In Turkey Day Classic

By Ed Goetemann

The Miners' fast rolling express, gaining more power with each game, will try to roar past the Washington University Bears, in their Turkey Day Classic at Francis Field Thursday. Unscored upon in three games and seeking their fourth straight win, the Miners will pit the flashing broken field running of Paul Fullop and the deadly passing of Al Dick

against the Bears' "One Man Gang," Bud Schwenk. When the Bears' great triple-threat is called a One Man Gang, this is said with no exaggeration. Every one of the 121 points Washington has made this season was either scored individually by Schwenk or made possible by his marvelous passing. His outstanding performance against Illinois College when he completed 28 out of 43 passes for 351 yards, gained 165 yards in 15 rushes and set a total offense record of 516 yards in one game made him the total offense leader of the nation. He has gained a total of 1513 yards on passes and rushes in seven games.

Dr. Schrenk Has Been Prominent In Science and Service

There is probably no member of the faculty who is more prominent than Dr. Walter T. Schrenk, Head of the Department of Chemical Engineering and Chemistry. His pleasant personality has won the friendship of hundreds of men, among students and faculty, in the eighteen years he has been at MSM.

Dr. Schrenk who was born in Golconda, Ill., received his B.S. degree from Monmouth in 1915 and his M.S. and Ph.D. degrees from the University of Wisconsin in 1919 and 1922 respectively.

When the government decided to establish a chemical warfare service plant in April, 1918, at Edgewood Arsenal in Maryland, it sent a group of scientists, including Dr. Schrenk, to set up the

See DR. SCHRENK, Page 7

Lambda Chi's Will Frolic At Harvest Dance Tonite

Under a glorious moon, the Alpha Delta Zeta Chapter of Chi Alpha will swing out to the strains of the Varsity Orchestra at their annual Harvest Dance tonight in their "little red playhouse." The house will be decorated with corn stalks and other autumnal colors to give the harvest aspect to the dance. Everyone is expected to come attired in a costume appropriate to the harvest season.

BE INFORMED, LOWLY MECHANICALS

That the venerable class of Senior E. E.'s is the most estimable class on the MSM campus, and does hereby accept the challenge or the stupid, dull-witted class of insignificant, grease groveling, mechanics' helping dolts who call themselves engineers, to play a game of football on December 7 at Jackling Field.

Know also, that the E. E.'s hereby invite and welcome all comers to witness the slaughter of the sub-level class of serfs who have dared to issue this foolhardy challenge.

Turkey Day Special

The absolute deadline on the sale of tickets for the special train is today at one o'clock. The price round-trip is \$2.41.

The Miners', at full strength for this game, will shoot the works in an attempt to avenge the 13 to 0 defeat the Bears handed them last year due mainly to Washington's one-man aerialist Bud Schwenk. It will be up to the fast charging Miner line to rush Schwenk and keep him from getting set in his passing. The same line will start that so efficiently throttled the Bulldogs vaunted backfield last Saturday. Mushovic and Moore will be at the ends, Kromka and Hoby at tackles, with Veale, Carafiol, and Krueger alternating at the guard slots. Kiburz, who looked like a potential halfback Saturday when he snagged one of Bohmbach's passes and ran it back for a substantial gain, will be at center.

The outcome of the game with Washington will depend a great

See FOOTBALL, Page 6

THE MISSOURI MINER



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Well, fellas, last week-end was very peaceful. Spring was in the air, little blades of grass were peeking through the topsoil, and practically everyone behaved themselves. Few people on the campus could find much dirt to dish out... except a few malicious propagandists with the most infamous of lies. O. K., fellas, we'll can the trips... are we even now. But, in the words of the senior mets, the Tri-Tech and Tr-Co-op dances were very, very educational.

The Saturday Afternoon Club of the Sigma Nus was very much in evidence at the game on the east side of the bleachers. Tea, in brown bottles, was served, and they all were high in festive spirits. Next time, however, they better move away from that leaky standpipe on the water-tower. Had some of the faculty members worried. Evidence was against 'em.

Baldy Winkle was gettin' his share of the hen-jacking at the game. Seems that he's been monickered with a couple of new ones during the past week. "Christy" for his ability to abstain from all intoxicants during the week, and still show up at those Saturday night binges and "Fish-hooks," for his favorite alibi. They're tellin' the tale about him having pockets full of these piscatorial implements whenever the cheek shows up... can't seem to get his hand out of his pocket quickly enough.

Coach Silverman posted a notice on the gym door not long ago that brought most of the swimming team back to regular practice sessions. Still, Socialite Brackett hasn't found time as yet to show up. Come on, Dick, we'll have to suggest a pay cut in that subsidy

check if you don't show more do an' die spirit.

Not so long ago, the Miners had a lil bull session, wiff wagers, on the length of time that the Crowed organization would be in existence. That was about the time that the more irresponsible of the giddies got into their first major squabble on the finances of their "dance." Latest developments indicate that the rift is widening, as more and more of them get presidential aspirations without waiting their normal term. So-o-o, maybe some twenty, twenty-five bucks'll be changing hands soon. Remember, the old motto, gals... divided we fall! Tough, too, cause Jeanie was one of the level-headed mainstays.

More on the subject of giddies. In a town with literally thousands off 'em they're still talking about that Miner that simply couldn't get a date. 'Strue, fellas... and the Miner is one of the lowly editors of this rag... come on, censor that one. Martin's alibi is that he waited until six o'clock before he started. Wonder how many gals in Rolla have week-day dates before then, anyway. Editor's note: Rass was in no condition to see that the editor brought dates both nites last week-end. Martin did likewise.

Damshame the Registrar's Office can't onion-skin a few more of the Daily Bulletins. They're making a bunch of thieves out of those poor, mistreated frat pledges who have to either copy or steal a bulletin per day. And, anyway, every body thinks it's a big joke, except the students who are responsible for a knowledge of everything on the bulletin. It's in the rules... or maybe they want to change them, too.

Prof. Bob McCloy's intelligent action and "guts" in shutting down that junk steam engine last week after the governor broke; in time to save not only the engine, but also all the members of his class from possible serious injury; get the hand of all concerned.

Vogel: (Peeking inside his clasped hands) "What've I got in my hands, Smitty?"

Smith, (H. B.): "A bug?"

"Nope."

"A dog?"

"Nope."

"A horse?"

"Nope."

Smith scratches his head. "It must be an elephant."

Vogel peeks inside his hands again. "How many?"

Assemble Near The Detonator Guidon Tomorrow

There have been absolutely no provisions made to enable the Miner fans to have section at the game tomorrow. There will be enough Miners there to make a good cheering section, but under the present conditions they will be scattered all over the stadium. We trust that this discourtesy is not intentional. However, the only way to solve the problem is for as many of the Miners as possible to assemble around the standard of the Detonators. This guidon will be easily seen on the south side of Francis Field. Let's get together to give that fighting team of ours the support it fully deserves.

What! When! Where!

WEDNESDAY, NOVEMBER 19

Lambda Chi Alpha Dance 9:00 p. m. Lambda Chi Alpha House
Special Lecture 9:00 a. m. Auditorium

THURSDAY, NOVEMBER 20

THANKSGIVING HOLIDAY—8:00 a. m.

FRIDAY, NOVEMBER 21

THANKSGIVING HOLIDAY

SATURDAY, NOVEMBER 22

THANKSGIVING HOLIDAY

RITZ

The DELUXE Theatre

TUESDAY - WEDNESDAY

Double Feature

"DEAD END KIDS" in
"HIT THE ROAD"

JOAN BLONDELL
PAT O'BRIEN in
"OFF THE RECORD"

ADULTS—20c Plus Tax
Children—10c Incl. Tax

THURSDAY—FRIDAY

Bargain Nights

SPECIAL MATINEE
Thurs.—2:30 p. m.

ON THE SCREEN

Maureen O'Sullivan, Henry Fonda
in
"LET US LIVE"

SERIAL and CARTOON

ADULTS—10c Plus Tax
CHILDREN 10c Incl. Tax



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Intramural Sports

By Bill Mitchell

Coming into the finals of the Intramural football program, we find the Seniors and Juniors ready to clash for the championship. However, the Juniors already possess one victory over the upper-classmen, and, seemingly, should cinch the title next Wednesday in the playoffs. It must be admitted, however, that on the day on which the Senior squad bowed to the Juniors they were very definitely "off."

It was Friday of last week that the saucy third year men showed no respect for their superiors and handed them a defeat. Again it was Eddie Fris, captain and star of the Juniors, who brought woe down on the senior's heads. Ed's running, passing, and all-around fine playing has stood out all season, and he is undoubtedly one of the best players in the Intramural program. The score of this tilt was 14-2.

While this was going on PiKA was throwing cold water on title hopes of Theat Kap. The Theta Kaps made beautiful showings in the two games before, and were considered as a possibility for the first place until downed by PiKA. This game was another repeat of Gordon and Ehrlich for PiKA, and another young "star" showed up in the form of Willis Clark. The game was one sided, ending 20-0.

On Monday of this week the Seniors came back after the defeat at the hands of the Juniors and by sinking the PiKAs showed they had lost none of their hopes or confidence. PiKA showed a lot of spirit, but seemed to be off, while the Seniors were right on the beam and clicking with beautiful team play. Eisman, Rose, and Haas were enough to hand the fraternity men a 14-0 defeat and knock them out of the championship race.

Now all Intramural activity is stalemated until after the Thanksgiving Holidays. On Wednesday of next week we will have a 1941 Intramural Football championship decided as a result of the Junior-Senior tilt.

The Seniors are a well balanced team with every position filled very efficiently. It is a team that looks good on paper. The Juniors on the other hand have a team built around an individual—Ed Fris. This will very definitely be a game of timing and machine-like operation against an exhibition of grace and momentary flashes by Fris. The question is whether Ed will flash often and brightly enough. There are some men on the Junior squad like Vern Geher and Leo Spinner who will be in there for the Juniors, and will undoubtedly be a misery to the Seniors.

These Backs Are Gunning For Bears



Fullop



Miller

FOOTBALL (Continued From Page 1)

deal on the Miners' halfback, Paul Fullop. If Fullop, who can skirt the ends with the best of them gets the necessary blocking to get past the line of scrimmage, the Washington rooters had better hold on to their seats, for anything is liable to happen. Jimmy Miller, the Miners' blond right halfback, although not as fast as Fullop, does his share of ground gaining, and still more important, his timely blocking has made many a play click for 5 or 10 yards.

Either Al Dick or veteran Keith Cook will start at fullback. Dick who hails from the sunny south

has made the Miner rooters sit up and take notice with his deadly passing that has been largely responsible for the late season spurt of the Miners. Latrell Jones, the man who makes many of Fullop's sweeping end runs possible by his vicious blocking, will be calling signals for the Miners.

Probable Lineup

WASHINGTON	MINERS
Purfalt	LE
Jurea	LT
Heckert	LG
McConnell	C
Allen	RG
Spafford	RT
Turley	RE
Costello	QB
Schwenk	LH
Devine	RH
Hefelfinger	FB
	Dick

The "One-Man Gang"



BUD SCHWENK, Washington's great triple-threat, who leads the nation in total yards gained from scrimmage has been directly responsible for all of the 121 points scored by the Bears this season.

Miners Drub Bulldogs To Become MIAA Co-Champs

Schwenk Will Be The Bear's Standby In Tussle With MIAA Co-Champs

It took the Miners less than two minutes to crack the supposedly impregnable Kirksville line last Saturday afternoon when the Miner gridmen trampled the Bulldogs to submission to win 20 to 0. This 20-0 slaughter enables the Miners to climb into a tie with Maryville for the MIAA championship.

While massing twenty points and playing a bang-up game on the offensive, it was actually the great defensive work of the Miners' two star tackles, Ed Kromka and Theo Hoby that gave Miner rooters their thrill. So efficient were these two linemen that they at no time allowed the Bulldogs to get inside the Miner forty-three yard line.

The ease with which the Miner offensive marched onward came as a big surprise, for the Bulldogs were rated to have the greatest defensive team in the MIAA.

The Miners lost no time in getting underway. Scoring on the second play of the game the MSM gridmen then kept the situation well in hand for the remainder of the game. When Shoopman of Kirksville fumbled the opening kickoff Kromka promptly recovered. On the first play, the Miner's smart field general, Latrell Jones, pulled the unexpected and called a pass play which clicked beautifully. Cook passed 27 yards to Nick Mushovic for the initial score.

Coming back six minutes later Shoopman, who seemed to have a miserable afternoon again fumbled the elusive pigskin. Not to be outdone, Capt. Kromka again recovered, Jones again called a pass play, and again the Miners scored. On this occasion Al Dick rifled the oval 15 yards to Johnny Moore, who plunged the five remaining yards to the double stripe. In the third quarter the Miners took over on their 29 yard line and once more started eastward. Paul Fullop ripped off 16 yards

in two plays and Al Dick displayed a nice exhibition of snake hiping and cross stepping as he scurried over the double stripe on a beautiful reverse.

Still another tally was foiled when Cook fumbled on the two yard line after an unsustained drive for 31 yards.

The Miners netted 295 yards from scrimmage against 78 for the Kirksville boys. Of the total yardage gained, 112 yards were gained by means of the airways.

This victory ended the conference season and brought the Miners their first claim to a major sport championship since entering the MIAA nine years ago.

Game Crumbs

According to the entire Kirksville line, Theo Hoby is the greatest lineman they have met all season. Kirksville is a team that runs to the weak side, and have found this system very satisfactory against all other teams until meeting Hoby, the Miners' great weak side tackle.

This game brought the total points gained in the MIAA to 52 for the Miners against 22 for our opponents.

Statistics also show that Springfield was the only team to get more first downs than the Miners this season.

Stubby Krueger brought his placement record to an 800 percent average with two good boots in three attempts. Stubby has kicked 12 good kicks out of 15 attempts and with one game left to play should end the season and his collegiate football career with a with a marvelous record.

Floyd Smith Will Marry Ellen Null November 30

Lt. Floyd Smith, M. S. M. will be wed to Miss Ellen Null of Rolla at Springfield, November 30. The wedding will take place at the First Baptist Church with only the families and a few friends present. Lt. Smith received a B. S. degree in Mechanical Engineering last spring. He has been stationed at Fort Wood with Co. B. 26th Battalion, ERTC since September.



Krueger's Toe Will Get The Bears In The End!

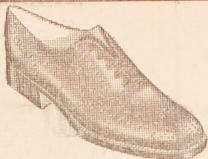
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and
Vegetables

ASHER
FOOD MARKET

THE SEASON

Miners	46
Miners	7
Miners	0
Miners	7
Miners	6
Miners	3
Miners	20
Miners	20
Miners	PLENTY

THUS FAR

Arkansas State	0
St. Louis U.	13
Warrensburg	0
Maryville	20
Jefferson Barracks	6
Springfield	0
Cape Girardeau	0
Kirksville	0
Washington U.	?

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At The
PENNANT
TAVERN

KIBURZ

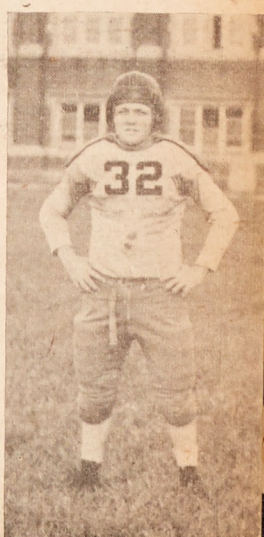
BEAR
MEAT
FOR
Thanksgiving
Dinner

MILLERS
CAFE

(HYDRAULICS LAB)

BRING
HOME
THE
BACON
MINERS
PINE STREET
MARKET

VEALE



WASHINGTON !



DICK

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Washington's
Bears
a Good
Cleaning

MINERS
ROLL ON
OVER
WASHINGTON

Thanksgiving

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EDWIN LONG

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DOWN
ON
Washington's
BEARS



DURPHY

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BEST WISHES
to the
MINERS
from

Dr. O. Garrison
OPTOMETRIST

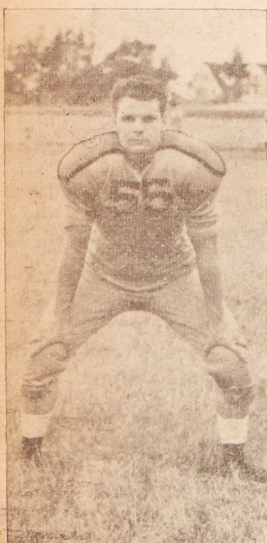
Rolla,

Missouri

LINE UP		Name	Pos.	Wt.	Don Carlson	C	143 Homer Randle	FB	174
LT—Kromka		Keith Radcliffe	QB	160	Gene Veale	G	176 Ed Kromka (c)	T	195
LG—Veale		Meredith Kiburz	C	167	Alfred Dick	FB	151 Gene Hammann	E	174
RC—Kiburz		William Waring	G	175	John Moore	E	165 Latrell Jones	QB	173
RG—Carafiol		Richard Schaum	E	145	Frank Irland	G	163 Gilbert Carafiol	G	195
RT—Hoby		Gene Wolf	T	185	Jim Miller	HB	155 Don LePere	C	197
RE—Moore		Joe Haleski	G	180	Paul Fullop	HB	170 Keith Cook	FB	170
QB—Jones		Theo Hoby	T	214	Jack Boetger	HB	163 Jim Glover	HB	172
LH—Fullop		Harry Gilliland	T	200	Egbert Miller	HB	290 Harold Krueger	G	182
RH—Miller		Don Wyman	FB	163	Jim Stover	HB	161 Allen Beverage	T	200
FB—Dick		Harold Smock	HB	145	John Hablett	E	183 Warren Taylor	T	240
LE—Mushovic		Joe Bowman	HB	140	Jerrold Kratz	E	178 Art Bowin	HB	145
		Bob Hartmann	T	190	John Mazzoni	G	178 George Weilmater	QB	155
		Phil Dampf	T	190	Clyde Durphy	C	176 Harry Rosenberg	FB	187
		Tom Pierce	HB	136	Ralph Rawwe	T	191 Seymour Orlofsky	E	165
					Jack Carr	G	188 Nicholas Mushovic	E	194

TROUNCE
Washington U.
on
Thanksgiving

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Win Ball Games
Egg Nog Milk Shakes
Win Friends
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THE
BLACKBERRY
PATCH

JONES

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TEAM

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HARVEY'S
RESTAURANT

COOK





Krueger

**HURRAH
for
THE MINERS**
Congratulations on
Your Fine Work
This Season
KEEP IT UP



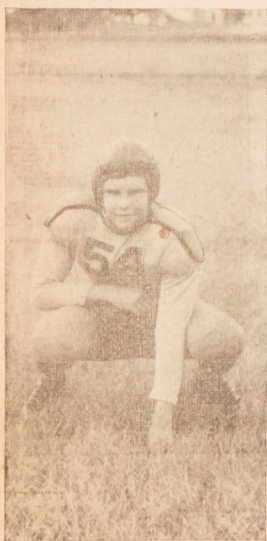
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Bear
Thanksgiving

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Round The MIAA

By Ed Goetemann

As the curtain comes down on a season of upsets and disappointments in the MIAA, the pre-season dopesters are trying vainly to make excuses for their mispredictions, but with undampened spirits are beginning to predict next season's winners. Upsetting all pre-seasonal dope, the Missouri Miners, destined to end up no no higher than fourth place, fought an uphill battle, improving game by game, to end up in a tie with Maryville for the MIAA championship.

The Miners got off to a flying start in their initial contest, swamping Arkansas State 46 to 0. Outplaying the supposedly great St. Louis U. team for 58 minutes, the Miners had to admit defeat in their second game when in the last two minutes of play the Billikens scored a touchdown on a desperate pass from Weber to Wagner to win the game 13 to 7. In the next two games the Miners hit their seasonal slump. In a lackadaisical game played on a muddy field, the Miners were held to a tie by a rather mediocre Warrensburg team. Frequent fumbles cost the Miners a victory. True to tradition the Miners lost their Homecoming Day game to Maryville by the score of 20 to 7. From here on the Miners swept rapidly upward. Although outplaying the famed Blue Raiders, mud and rain prevented the Miners from running up a big score. As a result the Miners had to be satisfied with a 6 to 6 tie. Then came that memorable Springfield game when the Miners turned back the high flying Bears on a beautiful field goal to win 3 to 0. Again playing in mud, the Miners swamped the Cape Indians 20 to 0 with passing paving the way to victory. To top off this belated drive the Miners trampled over the Kirksville Bulldogs Saturday afternoon winning 20 to 0, to be the first Miner team ever to win the MIAA championship.

Maryville was the team that made it possible for the Miners to gain a tie for first place, when they rolled over the league leading Warrensburg Mules Friday afternoon 21 to 0 to knock the Mules into second place. The Bearcats share the championship with the Miners as a result of their record of 3 wins, 1 tie, and a loss, winning from Cape, Rolla, and Warrensburg, while losing to Springfield, and playing a scoreless tie with Kirksville.

Warrensburg pulled the extraordinary stunt of the season by playing two successive scoreless ties in their first two games of the season against the Miners and the Cape Indians. From here, the Mules, mainly a defensive team, discovered their offensive range, to crumple Springfield and Kirksville, while losing to Maryville to finish the season in third place. Springfield, according to all pre-season predictions was the team to win the MIAA championship. The Bears started off the season according to form and ran their string of victories up to 18. But here the Bears hit a snag that cost them the championship. For three successive weeks Springfield took it on the chin. Their final record of three wins against two losses merited them fourth place in the final standings. The Bears own victories over Kirksville, Cape Girardeau, and Maryville, but lost to the Miners and Warrensburg.

MIAA Final Standings

	W.	L.	T.	Pct.
MSM	3	1	1	.750
Maryville	3	1	1	.750
Warrensburg	2	1	2	.667
Springfield	3	2	0	.600
Kirksville	1	3	1	.250
Cape Girardeau	0	4	1	.000



—CONGRATULATIONS—

TO TWO FINE COACHES
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For The "Miners" First MIAA
Championship.

THE RITZ THEATER
ROLLA ST.

BEAT
Washington
University
Thanksgiving

STOLZ
VARIETY STORE

Glover



W9EEE, Ham Station Of The E.E. Department In Review

By John Van Os

"This is W9EEE calling CQ." Have you ever heard that call? No doubt you have for it is a familiar sound to MSM students and Rolla townsfolk who listen to the short wave stations on their radio.

This station was first set up in the summer of 1934 under the call letters of W9DUM. At that time it was under the management of Douglas Martin, the first station manager.

The station is in the hands of the students. It is sponsored by the electrical engineering department and the equipment is the property of this department. Each year a junior or senior student is appointed by the E. E. department as custodian or station manager of W9EEE.

In the past seven years, some outstanding service has been given by the station. Many messages have been handled and delivered to their destination, some of them important. In one instance an MSM student living in a South American country was able to talk with his parents at home from the school station. Many messages are sent to St. Louis

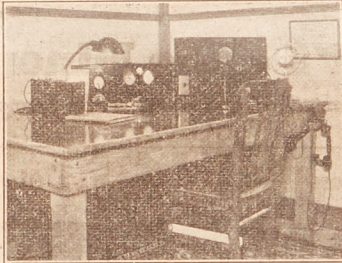
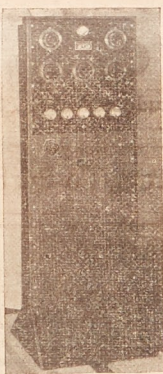
and other cities in the U. S. by students of the school. Some of the more distant stations contacted in the past were located in remote positions as: New Zealand, Australia, Cape Town, South Africa, and many others. The most remote contact was Cape Town, South Africa.

Students who make use of the station not only develop their theoretical knowledge of radio but also become experienced in practical radio communication. The knowledge thus obtained is useful in preparing students for jobs in radio for the national defense program.

The transmitter is located in the south corner tower of the power house. The antennae are guyed between Norwood Hall, the power house, and the old Rolla building. The station is remotely controlled from the southeast corner of the gymnasium. An underground cable leads from the station in the power house to the remote control room. This position in the tower was chosen as the best place for reception.

On Parents'-Engineers' Day a unique set-up of the radio station enabled parents and visitors to talk over the air. A microphone was set up in Norwood Hall and the speech relayed to the control room in the gym. There it was amplified and relayed again to the transmitter. Contacts were made with Riverside, N. J., and St. Petersburg, Florida.

In connection with this station,



Shown above are views of the 150 watt panel transmitter (left) and an inside view of the "ham shack" that is located in the attic of Jacking Gym.

there is a radio club of MSM students. The officers of the club are Ed McClain, president; Frank McCutchen, vice-president, and Phillip Judkins, secretary-treasurer. Robert Seigle, another E. E. student is the station manager this year.

Radio amateurs attending MSM this year are: Bill Barnett, W9YJG; George Blaich, W9LSA; Bill Eagle, W2LZS; Bill Jackson, W9BIU; Robert Seigle, W9UCL; Ed Vandeven, W9VYM; John Van Os, W9ZJP; and Jim Wylie, W9AFE. Of these, the class A operators, those with unlimited privileges are: Bob Seigle, Ed Vandeven, John Van Os, and Jim Wylie. They are willing to cooperate with students in trying to relay messages of importance free.

DR. SCHRENK (Continued From Page 1)

plant and laboratory and begin operations. Until December, 1918, Dr. Schrenk conducted research and did control work on the production and loading of chloropicrin, phosgene, and mustard gas.

In 1923 he came to MSM as an assistant professor in the Chemical Engineering Department and assumed the duties of associate professor in 1924. Dr. Schrenk was appointed Head of the Chemical Engineering and Chemistry department in 1928, and ever since he has been acting in that capacity.

When the half of the new Chemical Engineering and Chemistry Building was completed last spring, Dr. Schrenk saw a thirteen year old wish partially fulfilled. During the past summer he spent much of his time in equipping the new building in order that the students might find it an excellent place for experimentation and research this semester.

If we investigate his record of activities we find that, to list a few, he belongs to Alpha Chi Sigma, Sigma Xi, Phi Kappa Phi, Acacia Fraternity, Gamma Alpha, The American Chemical Society, and the Missouri Academy of Science. At present, he is the district counselor of Alpha Chi Sigma.

When Dr. Schrenk is not teaching classes he is busily engaged in administering the business of the Chemical department from his office in the old Chemistry building.

Research has always played an important part in his life. He established analytical methods for the determination of quartz in the presence of calcium fluoride, and he has worked on the problem of direct volumetric determination of aluminum in clays. In addition to his own investigation, Dr. Schrenk has collaborated with other scientists in publishing books and in finding methods for the quantitative analysis of various ores, and Missouri waters.

Off the Campus

Theta Kappa Phi

Last weekend we had the pleasure of a visit by Brothers Paul J. Etzkorn, Benny Gross, '33, and Charles Murphy, '34, who were in town on fraternity business. For the past few days the Theta Kappa Phi House has undergone repairs which consisted of replacing the plaster on the front room ceiling.

Ralph Nuelle spent the weekend at his home in St. Louis, Missouri.

Tri-Tech Dance

The annual Tri-Tech Dance was held last Friday night at Jacking Gymnasium, the Varsity Orchestra furnishing the music. Tri-Tech consists of Alpha Chi Sigma, profession chemical fraternity, Theta Tau, profession engineering fraternity, and Tau Beta Pi, scholastic fraternities. The gymnasium was decorated with large replicas of the pin of each fraternity.

Alpha Lambda Tau

Brother Roy Crowe of Xi Chapter at Chattanooga University dropped in for a visit last Sunday evening. Ray is stationed at Fort Leonard Wood.

Brother Don Mayer was in to see the chapter last weekend. Dor is employed by the Austin construction Co. in St. Louis.

Jim Henderson from Chihuahua, Mexico, was in Rolla for a short visit Saturday.

Key journeyed to Columbia to see Lts. Kenneth Kyle and Enos the Missouri-Oklahoma football game.

**For Good Food
Don't Forget
Sno-Wite Grill
805 N. Rolla**

There was the frosh who was trying to hammer a nail in backwards.

"Say," he complained to his roommate, "they put the head on the wrong end of this nail."

Roommate laughed knowingly, "Dope, that nail was made for the wall on the other side of the room."

Thud.

—The Brown and White.

A department store ran an ad for a clerk familiar with women's underthings. There were 400 applicants—and only 15 had sales experience.

—The Oredigger.

Rollamo Theatre

WED.—One Day Only
Matinee Wed. 2:30
ADM.—10-22c

JEAN HERSHOLT
as "DR. CHRISTIAN" in
They Meet Again

JANE FRAZEE
THE MERRY MACS
LEON ERROL
MISCHA AUER

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PARADE PICTURES**

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Alice Faye-Carmen Miranda
John Payne-Cesar Romero
in the technicolor musical
WEEK-END IN HAVANA
with
Cobina Wright, Jr.

SATURDAY
Continuous Show
Starting 1 P. M.

Angels with Broken Wings
Binnie Barnes
Gilbert Roland
Billy Gilbert
Sidney Blackmer
Lois Hanson

JOHNNY MACK BROWN
in
Rawhide Rangers

OWL SHOW SATURDAY
Starts 11:30—Adm. 10-22c

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SUN. and MON.
Sun. Continuous from 1 P. M.

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Detonator Company Developed By The Initiative of Its Men

The Detonators, crack exhibition drill company of the Missouri School of Mines R. O. T. C. Regiment, have in the past three years provided much of the color to the home football games and have been a general service organization to the campus. As a platoon, the organization gave its initial performances between the halves of the Miner-Warrensburg football game way back in '33 under the command of Carl Cotterill, now engineer for American Zinc at Dumas, Texas. Then, as now, the platoon was composed of basic students who were sufficiently proficient in military drill.

Captain W. F. Powers, Corps of Engineers, U. S. A., who was then Assistant Professor of Military Science and Tactics, was the guiding spirit of the Detonator during the first two years. He imparted into the platoon some of the snap and precision that has made the cadets of West Point famous. Junior military students who worked with Captain Powers in organizing the platoon were Rex Ahford, James Jensen, Earl Buck, Carl Cotterill, and Clyde Cowan.

During the year following the forming of the platoon Rex Ahford was commanding officer. Senior military students Becker, Cowan, and Elliot also drilled the group. Non-commissioned officers were Finley, Butch, Schill, Boyt, Washburn, and Allen. That year they traveled to St. Louis for the first time to drill at the Thanksgiving Day game.

Last year the strength of the Detonators was increased to a company with Earl Washburn as commanding officer. Edmund Butch and Eugene Schill were platoon commanders and non-commissioned officers were Weidle,

Rayl, Gonski, Schowalter, and Van Nostrand. At the time they went to St. Louis for an exhibition drill a tea dance was given on the Washington University Campus in their honor. Last spring when the students of the School of Mines marched on the state capitol to ask legislation for a dormitory, one Detonator platoon rendered a valuable service in doing a splendid job as military police while the other platoon marched in the parade as an escort of the colors.

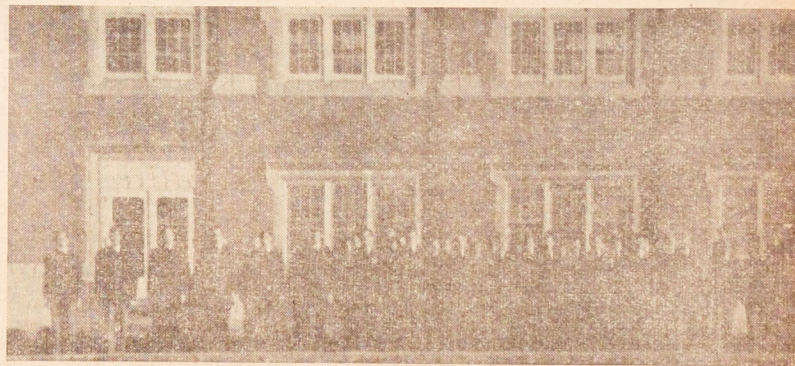
After the spring formation of the regiment last year one platoon began working on practical problems of engineer troops. At the annual federal inspection of the regiment a Detonator detail constructed a section of double apron barbed wire entanglement and the drill platoon performed before Major Kuhre, inspecting officer, who expressed very favorable comment.

This year a still greater interest has been shown. Regimental Adjutant Ben E. Weidle is captain of the company and John Rayl, Major of the 2nd Battalion, is second in command. Captain James Fox and 1st Lt. Kenneth A. Schowalter command the platoons. The non-coms this year are platoon guide R. C. Andrews of Company B, platoon guide Howard Durham of Company D, staff sergeant Joe Berndt of Company F, first sergeant K. W. Vaughan of Company A, and staff sergeant Enos Key of Company B.

The Detonators have done guard duty at all home football games for the past two years and were recently commended for the service given. The organization has taken its place on the campus as a service group which is willing to work and work hard to attain its goals. Major Carl R. Jones, Professor of Military Science and Tactics has devoted his time to the organization this fall and has so aided immeasurably. The first platoon will accompany the Miner team to St. Louis tomorrow on an invitation to drill between the halves of the football game.

The value of the training received in the Detonators to its members was vividly portrayed on Armistice Day when the Detonators walked off with the prizes for competitive drill. The men in the Detonator organization spend no less than two periods a week and sometimes twice that amount in intensive drill voluntarily. No organization on the campus demands or receives more support from its members.

Detonators To Perform at Miner-Washington Game



The drill platoon of the Detonators, special company of the Missouri School of Mines Reserve Officer's Training Corps Regiment, will accompany the Miner team to St. Louis tomorrow to accept an invitation to take part in the flag-raising ceremony and to drill between the halves of the game. The company is composed of basic students and officered by advanced students who give their time voluntarily to attain perfection in drill and proficiency in the execution of practical problems of engineer troops. The company is commanded by Captain Ben E. Weidle. The engineer platoon is not shown in the above picture. The Detonators excel in special flank and column movements and in the manual-of-arms.

Apologies to A ChE

KI + 2S—Kiss

The reaction is not reversible. Concentrated reagents should be used whenever possible.

This reaction takes place most rapidly in the absence of light. It has a sweet taste and an ethereal odor. When taken in small quantities it produces a blissful sensation, but large doses have a nauseous effect. The product is entirely soluble in distilled moonlight, and is best precipitated in the absence of humanity. It is easily reduced and cannot again be oxidized. Its highest valence is two. The greater the density of the reagents, the more often the reaction takes place. The graphical representation is elliptical. If one of the reagents is at a frigid temperature it is best not to force the reaction by means of a catalytic agent, as the result is sure to be disastrous.

The reaction is complete when a ring of Au appears surmounted by a small piece of crystalline carbon. The product should be anhydrous and should be analyzed qualitatively, not quantitatively.

Judge: "Now, sir, you may if you wish, challenge any member of the jury."

Prisoner: "Well, I'm not in very good condition—but I think I can

beat HELL out of that little guy on the end!!!"

—The Case Tech.

Poetry!
He kissed her in the garden;
The moon was shining bright.
She was a marble statue—
And he was a little tight.
—Cornell Widow.

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