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The Missouri Miner, November 15, 1939

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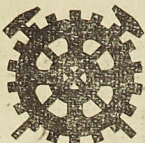
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THE MISSOURI MINER

Missouri School of  Mines & Metallurgy

Z 385

VOL. 26—

ROLLA, MISSOURI,

Wednesday, November 15, 1939

NUMBER 9

ROTC Participates in Armistice Day Activities Here

Barron Ranks as Best Basic Student in Drill Competition

At ten o'clock sharp the R. O. T. C. assembled and swung into line with Capt. W. P. Leber in command of the regiment. The parade proceeded South on State St. to Tenth, East to Main and south on Main to Sixth. East to Pine and continuing North on Pine the parade was reviewed in front of the Post Office. Also in the parade were the Veterans of Foreign Wars, High School bands from Rolla and St. James, and some Red Cross nurses.

Past the reviewing stand the corps marched directly to the lower athletic field forming as for regimental review. The Detonators then gave an exhibition drill including such movements as "flanks out," "scramble," "Counter," "right & left echelon," and "to the rear halt."

Immediately following the Detonators drill, the individual competition was begun. Approximately sixty men entered and competition was extremely keen. Sgt. Bertram was the drillmaster and judges were members of the organized Reserves. After thirty minutes of drill the competitors were reduced in number to three, and these were ranked first, second and third. Major Gordon made the presentation of a slide rule to Corp. S. P. Barron for first, and engineering handbooks to Pvt. E. G. Johannes, second, and Corp. G. V. Bradshaw, third.

Prof. Lloyd Urges No Smoking at General Lectures

Professor Lloyd, Chairman of the General Lectures Committee, reported to the MINER last week that smoking during the Lecture programs is becoming more frequent and is annoying not only the audience but also those appearing on the stage. Professor Lloyd stated that, "Until last year I had never seen much smoking during the General Lectures programs, but this year the smoke is lying in strata that are very evident from the stage and which lend a very unpleasant note to the evening. Smoking during a program of this kind and during the intermissions is a very discourteous and annoying habit."

"I had a notion to go onto the stage and ask those smoking not to. I am sure that if the students will think a little, those few who are smoking will refrain until they are outside, in the future."

Ground School Instruction Begun in Flying Course

Ground school instructions is well under way with the 20 selected to take flight training and the 13 others who had qualified for this training, but were unlucky when the drawing took place. The C. A. A. has been requested to grant the school an additional 10 trainers to take care of the seniors who were not placed when the first twenty were selected.

It is an interesting fact that the students of the School of Mines, especially in mechanical and mining departments, are keenly interested in this course. Most schools are unable to fill their quota. Larger universities like St. Louis U., Washington U., and Missouri were allotted a quota of 40 each, and it is understood that they are having difficulty in filling their quota from the three upper classes. Applications from the student body indicate that M. S. M. could fill a quota of 40 from the senior class alone, or a hundred from the three upper classes.

Present indications are that the Campbell flying service of Rolla will be the flight operator. Mr. Campbell will furnish new aeroplanes and new parachutes for instruction purposes. He and his assistant, Mr. Bob Brown, have taken the instructors re-rating test at Springfield. This test is required of all C. A. A. flight instructors, regardless of their past experience or present certificates.

Interest Tests Given at West Plains

Phil Leber, student assistant in the drawing department, and Mrs. Arthur Powell, supervisor for the WPA test project at MSM gave strong interest tests to students of the West Plains High School last Friday.

This was the third high school in which these tests have been given this year. The other schools were Webster Groves and University City.

NOTICE

The Student Council announces that tickets for the M. S. M. Washington U. game, to be played Thanksgiving Day at St. Louis, will go on sale next Monday, November 20. The price of student tickets will be \$.56 if bought here or \$1.25 at the gate. Non-student tickets will be \$1.25 if bought here.

In connection with this game, a special train will be on hand to take students to St. Louis, and will leave Rolla at 6:30 P. M. November 22. Tickets for this train will be \$2.30 and are good for this train only. The return trip can be made any time within ten days, on any train to Rolla.

Committee Is Named For Purpose Of Investigating Possibilities Of Erecting City Auditorium In Rolla

M Club Sweater Hop to be Held Saturday

The M Club "sweater hop", an informal dance featuring the music of the Varsity orchestra, will swing out at nine o'clock this Saturday night in Jackling Gymnasium. In accordance with arrangements completed by the M Club last week, tickets can be bought from any M Club member at an advance sale price of \$0.75, stag or drag. Admission at the gate will be \$0.85.

Ladd Is Among Scoring Leaders

Those four backs: Bernau of Mayville; Ladd of Rolla; McLaughlin of Maryville; and Grider of Springfield are furnishing some close competition in the M. I. A. A. for the position of leading individual scorer.

During the last week these gridiron standouts did little to improve their records, for Bernau, McLaughlin, and Grider all went scoreless against their opponents. Ladd, however, is the exception among this group, he scoring for the Rolla Miners team in their defeat of a strong Cape Girardeau aggregation.

Student Council Makes Suggestions for Better Miner

A method of controlling the publication of news articles and editorials in the MISSOURI MINER was discussed at the Student Council meeting last Wednesday evening as a result of the appearance of several articles in last week's MINER. In the opinion of the Council, such articles were definitely injurious to the student body as a whole. After much discussion, a committee of Jack Markley, Eugene Olcott and Jack Tiede was appointed to investigate the situation.

This committee met last Thursday with three representatives of the MINER Board, C. L. Cowan, C. H. Cotterill, and F. W. Finley, and made recommendations concerning the future policy of the MINER. An explanation of the present policy of the paper was given by the MINER representatives, and due consideration of the recommendations was promised.

Chamber of Commerce Takes Up Matter of Providing Proper Building

Comment on World Affairs Wanted in College Papers

Nearly two thirds of the vast army of students who read more than 850 college and university newspapers believe that their publications should not limit their editorial comment to campus problems, but should also take up matters of national and international importance.

This is the result of a national poll just taken by the Student Opinion Surveys of America, the college newspaper's opinion news service that weekly reports surveys taken by means of mathematical samplings. The Miner is a cooperating member, aiding in conducting interviews on the MSM campus, which is one of the key polling institutions from coast to coast.

This sentiment, although well turned toward the positive side, is not a dictate from the readers to the editors, however, for the survey shows that this is clearly a local problem. Readers of large university papers such as the Minnesota Daily of the Michigan Daily are almost unanimous in their belief that editorial stands should not be limited. But in smaller schools, where papers do not carry wire news or world happenings and campus problems are more intimately felt, student bodies in some instances voted to keep the editorial page strictly to their own affairs.

A good summary of opinion as found on many campuses was explained by Dan Kasle, interviewer for the Campus Collegian at the University of Toledo, in these words: "A great many students, although wishing other than college problems discussed, feel that the editorial department of their papers should contain a greater amount of campus material. City newspapers, they say, are the place for other affairs."

FLASH

Considerable anxiety is evident among the members of the grounds maintenance crew in view of the rumor that the circus elephants will not return to Rolla this year. Is MISSOURI SCHOOL OF MINES to lose its reputation as the best fertilized campus in U. S. A.?

Leslie Payne Points Out School's Need to Chamber of Commerce

A committee to study the possibilities of erecting a City Auditorium in Rolla to better house the social functions of the City and of the School of Mines was appointed at the meeting of the Chamber of Commerce last Wednesday noon, November 8th, at which Leslie Payne, Treasurer of the St. Pat's Board, appeared and told the Chamber of Commerce something of the difficulties the school was having in taking care of its larger social functions.

MSM Needs Larger Auditorium

Payne pointed out that the auditorium of the School of Mines would seat only five hundred and that it had been necessary to discontinue the guest privileges of the students for the General Lectures Program and to discontinue the sale of tickets to the faculty and to the towns people, due to lack of space in the auditorium. He also pointed to the difficulties the school had in taking care of the commencement program, saying that next year with 150 seniors and seventy members of the faculty this would leave but two hundred and eighty seats for the parents and friends, or not enough to take care of both parents of the graduates, should they all decide to attend.

Encouraging Bigger St. Pats

Payne also spoke of the difficulty the St. Pat's Board had in taking care of the dance at the recent Homecoming, stating that there were about 350 tickets sold for the banquet, making about 700 in the gymnasium. He stated that it will be even worse during the St. Pat's celebration as the place for the band and the platform for the Queen's throne take up about one-third of the gymnasium floor. He said that the tickets for the St. Pat's celebration are necessarily high in order to keep the crowd from exceeding the gymnasium's capacity. He went on to say that he thought the St. Pat's celebration should be kept as much a student function as possible.

Following Payne's talk there was a general discussion of the needs of the auditorium. Senator E. W. Allison, Col. Charles L. Woods and Bob Wilkins, President of the Chamber of Commerce, all

See AUDITORIUM, Page 8

Few Buildings at MSM Are Named After Famous Alumni or Professors

By Kent Martin

Less than half of the buildings on the campus of the Missouri School of Mines are named in honor of famous alumni or professors as is the case at most schools. The tendency is toward naming them after the department which uses them. It is thus that Mechanical Hall, the Metallurgy Building, the Chemistry Building, the Mining Building, and the Power Plant were named.

The Rolla Building received its name from the fact that the Missouri School of Mines bought the building from the City of Rolla. At this time the building was being used as a High School.

Norwood Hall is named after Professor Norwood, who was a physics professor at the University of Missouri at the time. Norwood had no connection with Missouri School of Mines but his son-in-law, Dr. John Vincil, was a great friend of the school. Dr. Vincil suggested that the building be named Norwood Hall in honor of his father-in-law, and his influence put the thing across. Since then there has been a lot of discussion over the name and many have tried to get it changed to Ladd Hall. Ladd was the director who succeeded in getting a number of new buildings on the campus at that time. Norwood Hall was one of them.

Parker Hall was named after C. L. Parker. Parker was raised in Rolla and was a student of the Missouri School of Mines. He was a lawyer for the Frisco for a long time, and earned a great reputation for honesty. He was elected to the Legislature and while there he had a great deal of influence. While he was in the Legislature he worked with director Ladd to secure large building appropriations. It was for

this work that Parker Hall was named after him.

Jackling Gymnasium was named after Daniel Jackling because he donated the money to the school to build the field and building. He has also benefited the school in many other ways.

Harris Hall was named after Prof. Harris, who was Director of Missouri School of Mines for a number of years. Prof. Harris is also noted for his research work in the field of compressed air.

A. I. M. M. E. Hears Dr. H. A. Buehler

At the second meeting of the American Institute of Mining and Metallurgical Engineers, Chief H. A. Buehler, for many years Missouri State Geologist and Past President of the American Institute of Mining Engineers, gave an interesting account of the recent oil rush in the northern Missouri-Illinois fields.

Because of the flowing well which came in last week just ten miles from Missouri in Nebraska, after 150 dry wells, the chief looks forward to an immediate oil boom in this state. In fact, "Gentlemen, it's getting right hot." The oil promoters are very anxious to get producing wells in Missouri, because at the present time there is no proration law restricting the pumping of oil from wells. It will take the State Legislature bodies a year and half to enact any laws of this nature, and until then producing wells would be veritable gold mines for promoters.

The Chief also touched upon most of the important mineral deposits in Missouri, comparing them favorably with similar deposits in other states.

Mixer Held by A. I. Ch. E.

The student chapter of the American Institute of Chemical Engineers held their annual "mixer" Wednesday, Nov. 8, with sixty-one Chemicals in attendance.

Dr. F. H. Conrad, Counselor of the student chapter, announced a problem contest sponsored by the parent organization for A. I. Ch. E. student members. The problem which is now being prepared by engineers of E. I. du Pont de Nemours & Co., Carbide & Carbon Chemicals Corp., and Westvaco Chlorine Products Corp., will involve the unit operations of heat transfer, distillation, and liquid-liquid extraction.

The prizes are as follows: \$100 for first, \$50 for second, \$25 for third, and three honorable mention prizes of \$10 each.

A sophomore award, consisting of a certificate and an A. I. Ch. E. student pin, will be given by the national society to the Junior Chemical who in his first two years here at M. S. M. has attained the highest grade point average.

Seb Hertling, president, and Leonard Henson, vice-president spoke briefly of the history, purpose, and operation of Ira Remsen, the predecessor of the A. I. Ch. E. on this campus, and A. I. Ch. E. respectively.

Art Rose and Gene Koeller were appointed by J. C. Leslie, treasurer, to collect dues from the sophomores and freshmen.

Cider of the semi-hard variety and doughnuts were served.

Movie Feature of Meeting of ASCE

C. H. Ax, of the Portland Cement Association, showed a movie, "Soil Stabilization With Portland Cement," to the A. S. C. E. last Tuesday night, Nov. 7. Scenes from test sections in South Carolina suggested possibilities of a solution to the ever present question of stabilizing road subgrades and providing a low-cost surface.

Mr. Ax was also elected Junior Contact Member to contact speakers for future A. S. C. E. programs.

Plans were discussed for a dance to be sponsored jointly by the Civils from Missouri University and the School of Mines. The dance will be held early in December at Columbia. Students of other departments interested in attending this dance should see R. N. Lorange, President of the A. S. C. E.

Butch Head of Alpha Phi Omega

Edmund Butch was elected to the presidency of the Beta Omicron Chapter of Alpha Phi Omega last Friday, November 10. Also elected were: William Horky, vice-president; Jerome Dreste, secretary; Leroy Allan, treasurer; Kenneth Bly, alumni secretary; Sebastian Hertling, sergeant at arms; Jay Johnston, historian.

Following the election of officers plans were discussed for the collection of toys to be distributed at Christmas to underprivileged children, and the raising of money to supplement the treasury.

The retiring officers are: Leroy Allen, president; Will Smother, vice-president; Kenneth Bly, secretary; Jerome Dreste, treasurer; Richard Courtney, alumni secretary; Edmund Kuhne, sergeant at arms; Edmund Butch, historian.

Our Inquiring REPORTER

By W. Lawler & J. Fox

QUESTION: What is your hobby?

Contrary to popular belief, the main diversion of the present day Miner is not the traditional wine women, and song that he has become so famous for in the past. That the student of today goes in for more substantial sports will be shown in this column which is the result of a campus-wide poll to determine just what "Joe Miner" does in his spare moments.

Early in the inquest it became evident that traditions were to be shattered, for the two sports, hunting and fishing, sprang immediately to the fore as the most popular pastimes. And why shouldn't they have? The foothills of the Ozarks here in Phelps County provide an easy access to the pursuing of these two diversions and many students here at M. S. M. have been born and raised in rural communities and have been brought up in an atmosphere of hunting.

A poor second in our list of extra-curricula activities comes eating—a direct offshoot of hunting and fishing. (No cracks please.) Many followers of this culinary sport are now sharpening their appetites in preparation for their annual bout with Bro. Turkey.

When asked what they thought of the double feature this year, some were speechless with joy while others merely rolled their eyes and smacked their lips in anticipation. (If Roosevelt runs for a third term he will find he has quite a number of staunch supporters here in Rolla.)

Photography has quite a few followers and, although the majority of them confess to being novices, they are nevertheless, strong in their support of their hobby.

Following photography in close order on the list came golfing, swimming, beer quaffing (in sixth place no less), sleeping, reading, bridge, stamp collecting, skeet shooting, et al.

From this survey it can readily be seen that the average student today is a great lover of the out-of-doors as well as being interested in technical subjects and that mother nature occupies as much, if not more, of his time as do the various hydraulics labs.

NOTE: Any suggestions or questions for surveys will be appreciated. Drop them in the Miner copy box at the Long Insurance Agency building.

Two Talks Heard by Radio Club

At the meeting of the Radio Club, Thursday, talks were given by Elmer Peters on microphone and by Robert Hanna on the De Forest Radio School in Chicago which he attended for a year.

The club appointed committees to map out a program, and to investigate the cathode ray oscilloscope.

HOSPITAL NOTES

This week colds again took their toll of Miners, the sufferers being Bob Winkle, W. E. Eater, Ed Gardner, and Paul Ross, who had tonsillitis also. F. G. Machmer and W. F. McConnell each complained of infections and Nelson Ganun injured his ankle. Dick Cun-

AIEE Members See Interesting Movie

A motion picture featuring Dr. C. F. Scott, one of the pioneer Electrical Engineers was shown at an A. I. E. E. meeting held Wednesday, November 8. Mr. Scott, who now operates a large transformer manufacturing plant, and is active in the national A. I. E. E., gave a synopsis of the founding of the organization; and he then told of some of his activities in the field of Electrical Engineering. One of his outstanding achievements was the discovery of the method of producing both two-phase and three-phase current in the same electrical circuit.

It was announced at the meeting that a list of this year's members of the A. I. E. E. has been asked for by the registrar, and that those wishing to be represented as members of the organization must have their dues paid soon.

With the ALUMNI

Bill Ellis, '39, has left the Emerson Electric of St. Louis to go into the Student Training offered by General Electric.

W. C. Bush, '37, has been employed by the Terminal Railway of St. Louis as an Electrical Engineer.

Geo. Reading, M. S. '39, as assistant in the Chemical Engineering department last year, has joined hands with the Research Lab. of the Phillips Petroleum Co., in Bartlesville, Ok.

G. R. Carpenter, '39, has been employed by the Continental Oil Co. of Coffeyville, Kansas. He replaced Reading in this company. Carpenter has been doing clay analysis work up till this time.

George Heath '30, Ruby Knoll '35 and Joe Loveridge '38 are employed by Laclede Steel Company at Alton, Ill.

The following are the recently elected officers of the Chicago Section of the Missouri School of Mines Alumni Association: Chairman, Elmer Gammeter '26, Vice-Chairman, D. R. Howerton '35, H. J. Pfeiffer '36, Secretary-Treasurer, Executive Committee, R. A. Lindgren '23, W. J. Jabsen '33, J. E. Harrod '35 and A. P. Berry '25.

So They Say—

Bob Nevins, athlete, humorist, scholar: "I am not only a blowhard, I am also a social outcast."

Justice Mall, securities expert: "I'm a rambling wreck from Jefferson City and a helluva orator."

Alan Summers, 2.9 junior: "... and then I multiply by a factor of ignorance to get the correct answer."

Prof. Barley, Shakespearean scholar: "Don't get so far into the woods that you can't see the trees."

Carl Cotterill, infamous Lamar politician: "Not bad. Here it is midsemester and I am only a month behind in my reports."

Earl Smoot, sagacious junior mechanical: "I'm getting old enough so that I have a right to be bald-headed if I want to."

ningham and Dan Hartnett who had each sustained football injuries last week were improved and discharged from the hospital.

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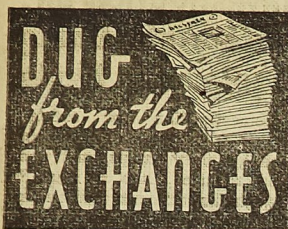
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By Ken Vaughan

Freshmen, you are a unique class. You lost the tug-of-war and the barbecue, but you break the sophomores' gauntlets; you yell "to hell with the sophs" when they tell you to "sound off"; and a summons to kangaroo court means nothing to you!!!

—The Oredigger

The Georgia Tech Chapter of Alpha Phi Omega has organized a Chapter Blood Bank. The members of the Chapter all have volunteered to be typed and go on record for call at any time for emergency transfusions.

—The Technique

With a last year's record of second place in the Hearst Trophy Match, sixth in the Sixth Corps Area match, and seven wins out of eighteen intercollegiate matches, the Michigan Tech ROTC rifle team is to resume its excellent marksmanship for the coming year.

—The Michigan Tech Lode

In the official listing of outstanding college seniors to appear in the 1940 volume of "Who's Who in American Colleges and Universities" will be eleven School of Mines seniors.

Admission requirements for inclusion in the Students "Who's Who" are based on character, leadership in extra curricular activities, scholarship, and potentialities of future usefulness to business society.

—The Oredigger

"Sooner or later there must be a separation of those institutions which look upon intercollegiate athletics as mere adjuncts of educational programs from those whose teams are made up of hired performers." A report of the University of Michigan athletic board asks that colleges which subsidize athletes be barred from membership in the National Collegiate Athletic Association.

—The Daily Texan

Freshman at Large

Now that things have settled down to a steady roar, we Frosh are forming opinions concerning the things seen, done, and heard on this campus. In this column we will attempt to relate, those things that we feel will be of the most interest to the readers.

To the present Freshman, R. O. T. C. is as clear as one of Pop Scott's Chocolate Sodas. Last Thursday a Pistol "lucked" into the "Major's" Basic Class and inquired if the Army Corps still used 160 M. M. Mortimer Guns. Although the Frosh are understood to be rather punchy, the prize pickle of the week goes to the Soph. who insisted that in the army there are 10 inches to a std. ft. (note—he lost).

Getting down to aching dogs we

Cossack Singer Is Interviewed

By Charles Zanzie

Perhaps everyone noticed the blonde Russian youth whose place was at the extreme right end of the Don Cossack choir. After the program your interviewer found him lieurely watching a pool game over a glass of Budwieser and an oversized cigar. Tall, friendly, and ruggedly built, 24 year old George Sablin enjoys a carefree hour at the bar after his part in the dignified performance of the Don Cossacks.

During his three and one half years with the choir George has been to such places as South Africa, South America, Austria, Java, Sumatra, Ceylon, British India, and in most parts of Europe. He and his father (the bewhiskered gentleman who persisted in dancing out of turn) became part of the choir when it stopped in Berlin a few years ago and have been traveling continually since then.

A native of Moscow, Russia, George and his parents moved to Berlin when he was six years of age where, later, he studied music and dancing at the Max Reinhardt school. Here he learned to sing baritone, play the piano, trombone, and balalaika (guitar), and do his Russian dance, which everyone marveled at Friday night. For diversion, he played table tennis, football, (though not the kind we know) and ice and field hockey. In 1935 he entered in the Olympics with a German field hockey team.

George has no definite ambition except to keep on singing. He says he probably will remain with the choir for some time.

feel proud that Cadet Gent Johannes,—Bolt puller A la Carte —is a '43. Although from Co. F. (the shrimps) he is no. 2 man in military drill.

In the line of social activities the outstanding man in the Freshman class seems to be Pledge Weis of P. K. A. who has already rung the Belle of the Freshman class.

Woe-Woe—Where has the '43 contingent fee gone. Since the coming of gilt paint it seems that evaporation has set in. If a '43 was found on the Eiffel Tower, the School of Mines would probably paint it silver and soak the Frosh.

We hope that Fink has recovered from the massage with Zoo Dung that the Sophs blessed him with when on his way to Chem. Lab.

Paddles are appearing all over the campus, could it be.....?

How is it that in one hour a Freshman can pick up 4 verses of The Miner Song and still can't learn the valence of 4 elements in a week.

Even lipstick has at last found a reason for existence in the educational scheme of things. Eleanor Sims was writing a Michigan State College examination when her pen ran out of ink. What did she do? She calmly reached into her purse, pulled out her lipstick, and finisher her blue-book.

And was he paper red!

Patronize Our Advertisers

Dewey Choice of College Students

Thomas E. Dewey, youthful New York district attorney, is first choice for the United States presidency among the nation's college and university students, less than a third of whom want Franklin D. Roosevelt to run again.

Six months ago the Student Opinion Surveys of America, sounding board of U. S. college youth, found in its first poll on presidential possibilities that Paul V. McNutt, Democrat, held the lead with a popularity of 17.7 per cent, only 2.1 per cent over Dewey. Today the racket-busting Republican has climbed ahead and has with him over a third of those collegians who declare they have made up their minds on a candidate for 1940. McNutt has dropped to second place, Vice-president John N. Garner following a close third.

The poll represents the opinions of students without including President Roosevelt as a possible candidate. Staff interviewers also asked a cross-section of students including all age, sex, geographical, and political groups, "Would you like to see Roosevelt run for a third term?"

Increased Approval for Third Term Only 31.8 per cent said yes. But since last January the President has increased his third-term approval among collegians from 38.2 per cent, the continuing polls of the Student Opinion Surveys show. The Surveys are published weekly by student newspapers the nation over, including the MINER, which cooperate by conducting local interviews that are mailed to the headquarters at the University of Texas for tabulation.

Alumni News

George L. Richert '22, mining engineer, who has been in Latacunga, Ecuador, has returned to his offices in Denver.

R. S. Dean '15, metallurgist with the U. S. Bureau of Mines, has been transferred from Washington, D. C., to Salt Lake City, where he is chief engineer of the metallurgist division.

John P. Harmon '28, has accepted a position as exploration engineer for the Ryan Mining Corporation and has a party working on the lower end of Bear Creek, below Pinos Altos, New Mexico, evaluating placer ground.

W. R. Springer, '34, who has been with the Interlake Iron Corporation in Toledo, Ohio, was transferred the first of October to Erie, Pa., where he is foreman with the Perry Furnace Company.

Willard Farrar '30, in the geological department of the Skelly Oil Co., has been transferred to Evansville, Indiana, in connection with the movement of the eastern division office from Mattoon, Illinois.

Thomas J. Finley Jr.—class of '39 has resigned from his position with Reuere Copper and Brass Inc., and has accepted the position of assistant to the Metallurgist of The National Bearing Metals Corp.

Ramblings Of the Week

ACP FEATURE SERVICE
BERKELEY, Calif.—(ACP)—Strikingly different points of view regarding the fitness of the great American public to participate in the operation of a workable democracy were brought out in a unique test here in which a large group of the nation's leading psychologists compared views on certain current problems with 350 sophomore students of the University of California.

Sixty-two per cent of the students believed that 3 per cent or more of the population is incapable of participation in a thoroughly workable democratic form of government. Sixteen per cent of the students made the figure 50 instead of 30 per cent. Eleven per cent held that three out of every four persons are incapable insofar as helpful and intelligent participation in a democracy is concerned.

The professional psychologists, drawn from most of the universities of the country were considerably easier on the public. Eighty per cent of them held that only 10 per cent of the population was incapable of democratic action.

Sixty per cent of the students believed that full realization of social security, in other words, more jobs, less unemployment, health insurance, pensions and adequate wages, would decrease the ambition and energy of the employed and their kin. Only 15 per cent of the trained psychologists so held. Eighty-seven per cent of the students held that individual competition was socially necessary or biologically inherited in successful industrial life; while only 44 per cent of the trained psychologists held that this was true. However, the students appear to have somewhat reversed themselves on competition generally. Ninety-one per cent of them considered it necessary to a successful society as against 64 per cent of the trained psychologists.

Twenty-four per cent of the students held that the superior people in our culture are justified in dominating national affairs by force. Seventy per cent of the psychologists voted otherwise.

PITTSBURGH, Pa.—(ACP)—Art, culture, and traditions of European lands now at war are preserved in a unique series of nationality classrooms in the University of Pittsburgh's world-famed 42-story Cathedral of Learning but the political credos and racial hatreds are in no way suggested. The 19 nationality rooms, a "little league of nations," are projects of national groups in this country.

Here in the nine rooms already completed, students and faculty may enjoy the culture, art, and architecture of many countries now at war. Arts, which recognize no boundary lines, portray in concrete form the finer instincts of the peoples represented.

The classrooms, with decorations and appointments authentic

and in keeping with some period in the history of the nation represented, offer the inspiration which the best artists and philosophers of the various peoples have given to the world.

There is no necessary relation between the character of the rooms and the subjects taught in them. The idea is much simpler. It is that youth, preparing for useful lives, shall see concrete evidence of other useful lives in other times and other lands.

"Fanny promised Red she'd marry him if he'd buy her twin beds in the bargain."

"Did she marry him?"

"Yes, but Red crawled out of his bargain."

—The Oredigger.

Women are like Newspapers: they are getting thinner; back numbers are not in demand; they have a great deal of influence; and every man should have one of his own and not chase his neighbor's.

—L. A. Collegian.

MIAA Race Limited to Second Place

Now that the M. I. A. A. football race is over, as far as the championship is concerned, and Maryville is debating whether or not to play a "Brain Bowl" game with the New Britain, Conn., teachers, the other five schools can settle back and sight their guns on final positions in the hot conference race.

Springfield and the Missouri Miners are fighting for second place, while Warrensburg and Cape Girardeau have their eye on fourth place and possibly the third rung on the conference ladder. All the schools wind up their loop games this weekend. Maryville calling on Warrensburg, Cape Girardeau going to Springfield, and Kirksville calling at Rolla.

Meanwhile the big noise in the conference is the dean at the Maryville school, who said, "Maryville will be in a receptive mood for a bowl game after the Warrensburg game next week."

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Number of Coeds Enrolled in MSM at Record High

The number of co-eds on the MSM campus has steadily increased in the past few years. At the present time there are nineteen co-eds enrolled here, and since this group is becoming a definite part of our campus life we thought it would be interesting to the readers if we interviewed the co-eds and obtained their opinion of the Miners and the School of Mines.

The first co-ed we interviewed was Mary Frances Strawhun, of Rolla. Mary is a freshman and is taking a liberal arts course. She named an eight o'clock class as her pet hate, and Guy Lombardo, olives, and polite fellows as her pet likes. Among her favorite sports are swimming, tennis, and dancing. In the future Mary's plans are to enter the University of Missouri, School of Journalism. Virginia Schultz found dramatics, dancing and collecting antiques occupying much of her spare time. Virginia is from Rolla, and is of the opinion that there should be more co-ed activities on the campus. Her friends usually call her "Ginger" and her pet dislike is conceited boys.

Our next victim was Marjory Hunter, also of Rolla. Marjory wants to become a music supervisor and will attend Central College in Illinois after leaving here. She hates snobbish people and

thinks that there are lots of things worse than going to a boy's school.

Following Margie on our list was Kathleen Hamilton, who likes Artie Shaw, hates "Joe Colleges", says the Miners remind her of "Tobacco Road" and is free every Saturday night except when W. H. is around, (every Saturday night.)

Next came Ruth Claridge, a married co-ed, who loves concerts, hates swing bands, thinks the Miners are swell fellows (she married one), and likes being a co-ed wife.

We then bumped into Naomi Asher who gave us the following info. She is a Rolla girl, likes smart clothes, dislikes the odor of the campus (us too), will go to Central College when she leaves here. Naomi thinks the boys are swell, and the school dances tops.

Last in the first group, but not least, is Anna McCaw. Mugg's hobbies are music and driving a car. She hates comedy and conceited boys and thinks Tommy Dorsey, tall blondes and basketball players are the nicest things ever. As a clinger she has this to say "Whoever that that I would go to school where there are forty boys to every girl—happy day!"

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Storms may rage over the best date for Thanksgiving, but you can bet your last nickel there's no controversy on the best way to make Thanksgiving trips home.

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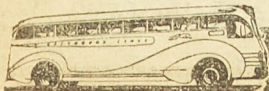
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In The Mood

By "Benny" Johnson

The subject of this week's course in bandology is Jan Savitt and his Tophatters. Where they acquired the name Tophatters we don't know. Maybe it is because the band was organized in the highly formal city of Philadelphia.

The story of the band is really the story of Jan himself, for without him the band would still have been an obscure station band. Jan was born in Russia, came to America when he was 18 months old (his parents came along also.) He started taking violin lessons when he was 6 years old. Stokowski (and I mean the Leopold Stokowski) became interested in Jan and offered him a place in the Philadelphia Philharmonic Orchestra. Jan was the youngest member of the orchestra. After two years Jan was made concert master and first violinist of the organization. He received an offer to conduct the studio band of KYW Philadelphia in a program of popular dance music. Jan took an interest in the band and instead of using stock arrangements he originated a new type of rhythm called "Shuffle." The band began to rise in public popularity, and it was soon broadcasting over national hookup. When Artie Shaw left the Blue Room of the Hotel Lincoln, Jan was decided upon as his successor and he has been there almost a year now.

Jan's favorite hobby is dissecting watches. He once dissected Stokowski's expensive foreign made watch (without Stokowski's knowledge of course) and for the first time in his life he got all the pieces back. He writes swing music although he is not especially fond of it. His latest is "Tchaikowsky, Stokowski and Swing." The title is taken from the name of a book he is writing.

The band has no outstanding instrumentalist and the vocalists are average. Bon-Bon sings with great enthusiasm, and Carolotta Dale is very attractive so it is asking too much to expect her to be able to sing. Anyway, whoever heard of a vocalist singing? Aside from this one weak link, the band is one of the best of the new bands. It is on its way up and there doesn't seem to be anything that can stop it now.

Ramblings: Did you know Al Donahue has 36 bands. Well it's a fact and he makes the arrangements for all of them. He personally directs the band now playing at the Rainbow Room in New York City.

The best of the new records are Glen Miller's recording of "In the Mood," and the same maestro's recording of "Wham Rebuff Boom Bam."

Bob Chester's Bluebird platter, "Billie," is tops for dancing and listening. Speaking of Bob Chester, listen for him. He and his are going places.

Swing must bring out the savage in man for we heard recently of a jitterbug that bit his partner. (He wasn't hungry, either.)

Did you know that \$182,000,000 were spent in nickle-deons last year.

Listen for the similarity in Tommy Dorsey's and Glen Miller's arrangements. Reason for same, Miller arranged for Dorsey before he organized his own band.

We predict a great future for the song "Last Night". It ought to be popular with the "Miners" anyway.

Wanderins of a SOPH'S mind

Well, my mind ain't workin so well today, on acct of I have bin tryin to figger up my midsmister grade pernt averige, and figgerin around with negetive imaginary numbers always puts me in a days. Furthermoer, I have bin reedin the noose papirs lately and have bin tryin to figger out the Euroapeign sittiation, and that aint soothed my noives non. Jist fer exampil, over in Chiner they have bin fitin like cats and dorgs fer yerer, and nobody aint deklared war yit. Ovir in Eoroip, howiv r, everybody has deklared war on evirbody else, and nobody aint fitin yit.

Pussionelly, I think that everybody is wantin to back out and not fite, but it has bin so long since they deklared war that they have forgot what they deklared war over, and naterelly they caint refuse to fite unless they no what they is refuzin to fite about. Rite now all England and Franse has got to defend is there honner, and Unkel Adolph says they aint got no honner, so they aint got nuthin to fite about. And these littel countries which is always sqabbelin with Russia, all they is arguin about is whuther they want a Ruzzion or a local boy fer a dictater, and whin it comes to gittin bullied around by a dictater, I dont see no difference in bein bullied by a Ruzzien or by home talent.

The onlie fello wich shows enny sense atal is Unkel Benito down in Iterly, who is like these seniers hear wich stands around a freshmin-soff fite until everybody is so tarred they caint fite no moer, and then they goes in and dryshaives everybody wich is too week to defend thimselves, Unkel Benny is goin to stand around until everybody has about kilt everybody off definidin there honners, and then he will have to defend his honner too, so he will jist step in and take over.

So They Say—

Bulletin board, lest it commit itself: "All students (except those having classes at this hour)

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Investigation on Safety of Mining Equipment Made

Investigation for safety of electrically operated mine equipment, safety lamps, and gas detectors are made at the Pittsburgh Experiment Station in accordance with published regulations termed "schedules". These schedules are altered from time to time to keep pace with industry. Under these schedules it is possible to have nearly all types of mining equipment tested for its liability to ignite mine gas or coal dust or a combustion of both.

The investigation of mine equipment under schedule requirements was begun in 1913 and has been continuous ever since.

Inspection of the machine as a whole is made about the relationship of the parts to each other. A label is used to identify all equipment that has passed the Bureau's requirements. The manufacturer receives a photograph of the label which must be reproduced on each permissible unit.

Below are a few of the devices tested and some of the tests they must pass:

Electric cap lamps: the materials used, construction, weight, amount of light, distribution of light, and exclusion of dust; blasting units must be: practical portable, suitable for underground service, and must offer no probable explosion hazard when in use; signaling devices must be: internally safe, have all spark producing units enclosed, have all bolt and screw holes buttoned, have battery cells in explosive proof containers.

The Bureau works with the manufacturers so that safety and usefulness are combined. It is believed that without such an approval system there would be an increase in mine explosions and loss of life.

are cordially invited.

Wayne Bennetsen, on Monday morning: "What a week-end".

Dr. Philip P. Thomas, Westinghouse lecturer: "If there had been a bar in Rolla, I wouldn't be able to pronounce these big words."

Ollie, unloading circus dung on the grass: "I'm competing with the pros now."

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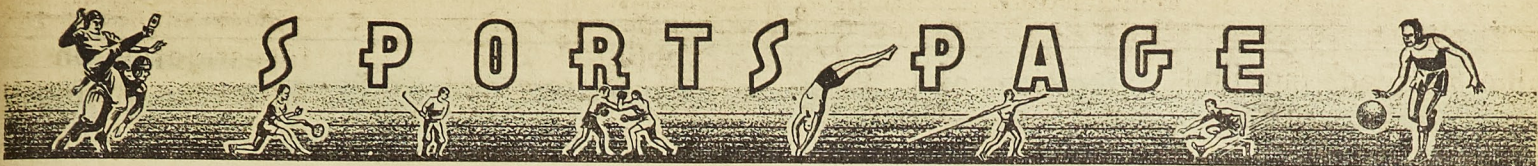
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MINERS TRIM CAPE GRID SQUAD

Capt. Ladd Leader In 12-6 Win

Victory Gives Miners Chance for Second Place

Ground school instruction is looked anything but promising against a heavier Cape team, the Miners uncorked one of their best games of the year to march to a 12-6 victory over the highly favored Cape Indians.

Captain Ladd spearheaded the Miner attack with brilliant broken field runs and charges through the line, netting a total of 67 yards from scrimmage. Ladd was ably assisted by Schumacher who picked up 25 yards from scrimmage.

Matt Domjanovich, punting for the first time in a game, matched kick for kick with Crabtree and Aldridge, averaging 29 yards to the kick without fumbling once. Matt's fine punting was a life saver to the Miners, for, with Cunningham out of the game, and Taylor still favoring an injured knee, the Miners were without a regular kicker. This fine performance was especially not worthy considering the condition of the backfield. Much credit is also due the line which held long enough for him to get his kicks off.

Crabtree, Mayer and Crews were the chief ball carriers for Cape. Crabtree crashed through the line consistently for good gains, but had trouble holding on to the wet ball, and made two costly fumbles which lost a total of 16 yards. Mayer plunged through the Miner line for 33 yards in four tries during the second quarter touchdown march.

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staged by Cape. Crews also made consistent gains, totaling 43 yards.

The Miners' first touchdown drive started late in the first quarter when Kromka crashed through the Cape line and secondary defense to block Crabtree's kick. The ball bounded down the sideline and was recovered by Strawhun who ran it back to the Cape 10 yard line before being downed. The end of the quarter brought the ball to the other end of the field. Taylor and Nevins entered the game at this point for the Miners. On the third play, Ladd took the ball, and on a beautifully executed reverse, handed it to Taylor who was breaking fast. Taylor's pass caught the Cape defense completely off guard, and Nevins speared it and raced over the line for the first score. Rogers kick for the extra point was low.

Later on in the same quarter, Cape started a drive of her own. McLane and Mayer went in for Cape and alternated in carrying the ball on a march straight down the field, starting at the 50-yard line. Mayer, carrying the ball four times, picked up a total of 33 yards, in addition to those gained by McLane. With the ball on the five yard line, the Miners penalized 5-yard for offense, putting the ball on the 1-ft line, from which McLane knifed through center for the touchdown. Mayer's pass for the extra point was knocked down.

The Miners' second break occurred late in the final quarter when Crabtree fumbled the ball on the 4th down. Strawhun made the tackle on the play. An exchange of punts followed, and then Strawhun crashed through again and stopped Crews for a 5-yard loss. A fumble by Aldridge cost Cape 9 more yards, and when Crabtree finally got the kick away, it was short and was carried back to the Cape 30-yard line. Successive thrusts by Ladd and Schumacher carried the ball to the 1-ft. line. After Eads tried unsuccessfully to vault over the top of the line, Ladd took the ball and drove over Spafford's back and across the line for the pay-off touchdown. This was the first touchdown scored through the highly touted Cape line this season.

With only one minute left to play, the Miners resorted to defensive tactics, with Ladd intercepting a Cape pass to break up

Cape's final scoring threat.

The Miners were outplayed in the first half although they pushed over the first tally by capitalizing on Crabtree's blocked punt by following with a cleverly executed reverse and pass. From scrimmage they gained only 7 yards net, and failed to make a first down. Their lone pass was good for about 12 yards and accounted for the touchdown.

Cape, on the other hand, amassed a net total of 7 yards from scrimmage in the first half and 5 first downs. Domjanovich's punting was largely responsible for keeping Cape away from the goal line.

The second half saw the Miner running attack swing into action, gaining 82 yards from scrimmage and making 4 first downs, while holding Cape to 30 yards and a similar number of first downs. Cape was completely outplayed the second half.

The victory puts the Miners in a place to make a bid for a second place tie in the MIAA. A victory by Cape over Springfield, coupled with a Miner victory over Kirksville, would leave Springfield and Rolla in a second place tie while a Miner victory and a Springfield victory would give the Miners third place.

Lineup	
Cape	Pos.
Rueseler	L. E. Bruce
Hay	L. T. Stephens
Wright	L. G. Koerner
Beall	C. Spafford
Allen	R. G. Domjanovich
Turner	R. T. Kromka
Kies	R. E. Strawhun
Mitchell	Q. B. Hancock
Harris	L. H. B. Schumacher
Nicholson	R. H. B. Ladd
Crabtree	F. B. Cook

Substitutions: Cape — Mayer, Hoeh, McLane, Sturn, Aldridge, Crews, Fatchett, Richardson, Wolfe, Irving, Branch, Schrader.

Miners—Taylor, Nevins, Veale, Stockton, Hamman, Klug, Catanzaro, Tatalovich, Eads Stephens.

Scoring: Miners—Nevins (1), Ladd (1). Cape—McLane (1).

Score by Quarters:	
	1 2 3 4 T
Miners	0 6 0 6 12
Cape	0 6 0 0 6

Miners		Cape	
First downs	4	9	
Yds. from scrimmage	89	101	
Passes attempted	3	2	
Passes completed	1	0	
Yards from passes	12	0	
Passes intercepted	1	0	
Punts	13	10	
Ave. ydg. on punts	29	31	
Fumbles	1	4	
Fumbles recovered	3	2	
Penalties	6	4	
Yds. lost on penalties	30	30	

On The Bench

By Bob Nevins

Instead of just giving the high lights of our Cape victory this week, we'll speed a bit about the trip in general.

The ride down to Cape was quite eventful. We left Rolla at 4:30 Thursday afternoon and stopped in Farmington at 6:30 to eat. We ate at Carver's Cafe which, by the way, was the first place we have ever eaten in on a trip that would give us as much butter and as many rolls as we wanted.

We arrived in Cape Girardeau at 9 p. m. and most of us went walking and all of us kept our eyes open (need I say more?) I still can't figure out why Nicola, Bruce and "V" Kromka needed an escort to see the "daddy of rivers." Retired at 10:30 to bull sessions and sleep only to be telephoned out of bed at 7:30 a. m. Needless to say, we were all disappointed when we woke up to find it raining hard.

Breakfast, letterwriting, reading and bull sessions occupied most of the time Friday morning but Matz Domsonovitch insisted on having a beautiful waitress see if he had a fever. (He didn't when she felt his head but he did afterwards.) The reading matter was chiefly picture maps but Spafford read "Electric Engineering" (E. E. dept. please note).

The game itself was played in ankle-deep mud and for this reason it was a lot of fun. Highlights of the game were: Mat Domjanovich's swell kicks, Otis' swell pass to me and the reception he received from Cape's players. This was confined to cries of "Welcome Otie" and a mud facial which I'm sure he didn't need. This was the first game Mat has ever kicked in and the mud made his performance all the more remarkable.

Ladd's last minute score was really a thriller and was the first one scored through Cape's line this year.

It was a most enjoyable trip back as most victory trips are. "My Wild Irish Rose," "Let Me Call You Sweetheart," and other old timers seemed to be the favorite songs. Jokes were of a dusky nature for the most part, so I won't go into that.

Miscellaneous notes: Why did Ladd and Cook almost spend the week-end in Cape? Kieth, by the way, took an awful ribbing about

his recently publicized social exploits and "lolly-poy" dates. Percy Gill wanted to hang on to Cook when a 10-year old girl came into the restaurant while we were eating.

Saturday Gullman, Spafford, Hancock, Bullman, Jr., and myself took in the Washington U-Aggie game. What we saw was most encouraging so keep your fingers crossed.

We think the team's attitude has changed a lot since our last home game and we hope your's has too. If so—we'll see you when we beat Kirksville.

Round the MIAA

By W. J. Bennetsen

Maryville's Bearcats chalked up number four in the victory column last week-end to remain on top of the heap in the MIAA race. They defeated the Bulldogs of Kirksville by a 19-13 score. Bernau, field general of the Cats, counted for all of their touchdowns. It is noteworthy that Kirksville was the first MIAA team to score against the Cats this season. At Cape the Miners pulled that game out of the fire in the last two minutes of play to hang up a 12-6 victory. (Midst cries of the Indians Coach Stuber, that Coach Bullman had quarterbacked the whole game from the sidelines.) At Springfield, the Mules of Warrensburg scored a minor upset in tying the Bears with a 13-13 count, thus remaining in fourth place tied with Cape Girardeau.

Friday Maryville will play host to the Mules, while Cape Girardeau invades Springfield. It's the Cats in a walk in the first game and a mighty close battle in the second contest with the Bears beating the Indians. If the Indians would defeat the Bears while the Miners are defeating Kirksville the Miners would take undisputed hold on second place in the final conference standings.

Present Standings	
	W L T Pct.
Maryville	4 0 0 1.000
Springfield	2 1 1 .625
MINERS	2 2 0 .500
Warrensburg	1 2 1 .375
Cape	1 2 1 .375
Kirksville	0 3 1 .125

This Week's Schedule—Friday

Maryville at Warrensburg.

Cape Girardeau at Springfield.

Saturday

Kirksville at Missouri School of Mines.

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Intramural Sports

Meet the new 1939 Intramural football champs Miners. Yes, fellows they are none other than the Sophomores. The Sophs captured the 1939 Intramural trophy by handing the Pi K. A.'s a 14 to 6 defeat. They have played bang up ball all year, and deserve to win the trophy for the excellent play ing and outstanding sportsman ship.

The Soph's first score came early in the opening of the game. Underwood, Pi K. A. back, attempted to kick out from behind his goal line, and Gordon, Pi K. A. back, blocked the punt, and Sandhaus recovered for the Sophs. Bill Eisman carried the pig skin over to chalk up the first 6 points for the second year men. Elmer Sandhaus pointed with a placement directly between the up-rights. The Pi K. A.'s came back with a fighting spirit, and tried to even up the score, but were unsuccessful throughout the remainder of the first half.

At the beginning of the second half, the Pi K. A. team really began to click, and the Sophs were pushed back deep into their territory under the fire of Underwood's passes. The Pi K. A.'s were held on a goal line stand by the Sophs and again it looked bad for the boys from Bishop street. Finally, after an exchange of downs, Underwood spotted a pass to Fred Paul, and the Pi K. A. nine chalked up six points. Underwood's kick bounded off of the goal posts, and the Sophs held a one point margin on the Pi K. A. team. The Sophs looking towards the Western goal took on new determination, and began a long drive up the field, and were never halted until they crossed the goal. Nevins took a pass from Haas to give the Sophs six more points towards the cup, and Sandhaus booted a conversion that bounded off of the second story of the gym. From here on out the Pi K. A. team tried every thing in their play book to cross the counting line, but lacked the punch. The game ended with Sophs well in the Pi K. A.'s district still trying to punch over another score.

The Pi K. A. team used mostly power plays, but managed to complete fifty percent of their tosses, while the Sophs stuck to the air and completed forty percent of their passes. Both teams fumbled twice, and traded recovers.

This game has ended football for another season, and we now can turn our efforts towards basketball. Schedules have been made out and posted around the campus. If any of the competitors haven't received a schedule they are urged to acquire one at once.

Demonstrations on Lectures Program Amaze Audience

On Tuesday night of last week, Dr. Philip P. Thomas of the Westinghouse Electric Company gave an amazed audience a view of some of the wonders of modern electricity. The lecture, one of the General Lecture series presented in Parker Hall, was accompanied by experiments with some of the more advanced types of electrical instruments, which Dr. Thomas termed do-funnies, do-hickies, and gadgets.

Before starting his demonstration Dr. Thomas told the audience that he did not intend to thrill them with magical phenomena, but that all of the experiments were based on scientific research with the object in view of making life easier. He stated that while some of the experiments had no practical value as yet, they may some day be put to use. All of the inventions shown were created by commercial Electrical Research Engineers in the Westinghouse Laboratories.

Among the "gadgets" shown in operation was an air conditioner which showed the amount of dirt in the air and also removed the dirt from the air. Incidentally the experiment indicated that Rolla air was remarkably clear. In addition, Dr. Thomas succeeded in turning an electric light on and off by blowing on a glass plate and striking a match, (which feat he also brought about throughout the evening by means of a flashlight), and in pouring music out of a coffee pot, playing bugle calls with a floodlight, and in showing the various types of light rays. A demonstration of gyroscopic action and the action of ultra-violet rays was also included.

In closing, Dr. Thomas brought to the attention of the audience the fact that these "gadgets" may play a remarkable practical part in everyday life, with a demonstration of the "Steralite", an instrument used in operating rooms of hospitals to kill germs in the air.

PROF. WALSH ADDRESSED EDUCATORS

Prof. B. P. Lewis accompanied by Prof. D. F. Walsh of the School of Mines and John W. Scott, director of the R. O. T. C. band at M. S. M. attended a meeting of a group of High School Superintendents, of which Prof. Lewis is President, at Jefferson City Monday night. Prof. Walsh addressed the group on the Educational System of France. Mr. Scott furnished music for this event. He played numbers on the trombone and tonette and gave a demonstration of the Theremin, a new electric instrument.

The Longhorn Boxing Club will meet in Gregory Gym.

—The Daily Texan.

What! When! Where!

Wednesday, Nov. 15

St. Pat's Board 7:00 p. m. Club Room

Alpha Chi Sigma 7:15 p. m. Chem. Bldg.

Thursday, Nov. 16

Theta Tau 7:00 p. m. Club Room

Friday, Nov. 17

Theta Kappa Phi Dance

Saturday, Nov. 18

'M' Club Dance Gym

Tuesday, Nov. 21

A. S. C. E. 7:30 p. m. Auditorium

Wednesday, Nov. 22

Thanksgiving

Lambda Chi Dance

Scientific World

By Gene Martin

The latest thing for smokers is a scientific pipe, invented by F. K. Kirsten, a professor at the University of Washington. The Kirsten pipe is based on effective cooling of the smoke so that undesirable oils and tars, which are in volatile form, are condensed and don't reach the smoker's mouth. A unique barrel made of an aluminum alloy which has a high heat conductivity is employed to condense these substances. The condensed tars and water vapor collect in a small radiator cap, also of aluminum alloy, at the lower end of the barrel—the lowest point on the pipe when in smoking position. A valve on this small radiator keeps the condensed fluids from going back into the stem. The bowl of the pipe is detached, enabling the stem to serve for many different styles of pipes.

Many German war planes are now lubricated by oils which are made by methods not commercially available in the United States, it was disclosed at a meeting in Chicago of the American Oil Chemists' Society. The German oils are made by treating mineral,

vegetable, and animal oils with an electrical discharge process and thus increasing their viscosity. These oils were then blended with ordinary mineral oils to produce a superior airplane lubricant during their conquest of Belgium in the world war when they took over the Electrion Company. Through an agreement with the Netherlands this process was also made available to the Royal Dutch Shell oil company and is now used almost exclusively by many Dutch airplanes.

BUREAU OF MINES ITEMS

Mr. Elmer Esern, Chief Metallurgist of the Eagle Picher Lead Company's plant at Picher, Okla., and R. E. Illidge, Metallurgical Engineer of the same company's plant at Geleena, Kans., visited the local Bureau of Mines on November 8 to discuss the use of heavy media suspensions for ore concentration.

Prof. L. Farkas, Professor of Physical Chemistry at the University of Jerusalem, and a consultant for the Palestine Potash Co., visited the local Bureau of Mines station on November 7, seeking information on flotation and agglomeration, particularly, as applied to soluble salts.

Rollamo Theatre

SATURDAY, NOV. 18

Matinee and Night

Wayne Morris—Claire Trevor
"VALLEY OF THE GIANTS"
(in Technicolor)

OWL SHOW SAT. 10:45 P. M.

SUED FOR LIBEL
Kent TAYLOR * Linda HAYES
Adm. 10c to all

SUN. & MON. NOV. 19-20

THE LADY AND THE KNIGHT
BETTE DAVIS
ERROL FLYNN
THE PRIVATE LIVES OF
ELIZABETH and ESSEX
A Warner Bros. Picture
Olive De Havilland
Donald Crisp * Alan Hale

TUESDAY NOV. 21

Matinee and Night

"HEAVEN WITH A BARBED WIRE FENCE"
with JEAN ROGERS

WED. & THURS. NOV. 22-23

Red-Blooded DRAMA!
DRUMS ALONG THE MOHAWK
Charles Fox
OLIVER THOLLS * EDWARD BROMBERG
PHOTOGRAPHED IN TECHNICOLOR

Matinee Thurs. 2:30—Adm. 10-30

Nights 7-9—Adm. 10-36c

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

52 Years at 8th & Pine

As a MINER Sees it

The Tri-Tech dance takes top honors of the week for offering ample room for all to dance to a hell band.

Smitty "Don Cossack" Halfhill grooming himself, along with lash' Gordon, for conquests on stage. Maybe they will appear next night, that will offer the appreciative audience for a type of art.

Bourchier will make a first class Theta Tau. He started his education so early Saturday night that by 11:30 p. m. he was peacefully sleeping in a chaplain's hair.

Speaking of chaperones, we just say that we have a fine crop this year, and all the lads and ladies join to express their appreciation and approval of the series you render.

Burke's chief ambition must be to become a policeman or else to get a job testing whistles in a little factory.

Koch is not taking lessons from these able tutors Ellett and Stevens. What a combination of wit, brains, and personality. Gardine seems to have joined manly the "Younger and Younger Girls for St. Pat's Queen."

Big Don Falkingham ran out of the garage here he reached the "out" Saturday night.

"Wolf" Pingle, the perfect gentleman, broke his last New Year's Resolution at the Tri-Tech dance by dragging a date.

Smith and Skeen led Beaty over the well known hill Saturday night, but he didn't regret it tomorrow.

Roley improves the band a lot, even he couldn't cover up that key, tinny sounding Alpha Lambda Tau piano Friday night. I threatened the editor last week to no avail; he slipped extra ink on me again.

DANCE DATES

Fri., Nov. 17—Theta Kappa Phi
Sat., Nov. 18—"M" Club
Wed. Nov. 22—Lambda Chi
Fri. Dec. 1—Kappa Alpha
Fri. Dec. 1—Coeds
Sat. Dec. 2—Engr's-Shamrock
Sat., Dec. 2—Kappa Alpha
Fri., Dec. 8—S. A. M. E.
Sat., Dec. 9—Sigma Pi

Working Our Way Through College

By Gene Koeller

This week's edition of Working Our Way Through College headlines Bob Smith. Bob graduated from the high school here in Rolla in 1936 and entered M. S. M. the following September. While Bob was a freshman at M. S. M. he worked as a "soda jerker" at Folowill's Drug Store and also retained this job during his Sophomore year.

That sweet tenor sax that is heard in the Varsity Orchestra is played by Bob, more affectionately known as "Bobby". A sax is not the only musical instrument that Bob can play. He is quite proficient on the clarinet and trumpet and says he can play a flute if necessary. Rumor has it that it won't be necessary, but no reason has been given. Under the new organization of the Varsity Orchestra, Bob has been chosen a leader; lots of luck Bob. Bob also plays a clarinet in the R. O. T. C. band, and incidentally he was the only man in step between halves of the Miner vs. Arkansas A. & M. game.

During the summer Bob usually plays with a orchestra at some summer resort. He has played at Fox Springs and many summer resorts near Jerome, Missouri. Last summer Bob also worked in a garage here in town, but his orchestra work is much more important. Remember all tin ears and jitterbugs, Bob can really play a sweet sax and will swing that sax the next time the Varsity Orchestra plays for a dance. Come one, come all and listen to Bob "blow that horn."

Bob is a senior this year and is a member of Sigma Nu Fraternity and the American Institute of Chemical Engineers.

This is an observation on freshmen by a member of the Bureau of Mines Staff—

In Friday morning's rain—on the way to work—we observed a student bedecked in a pair of overalls, a green cap, and a "new" leather jacket, with a rain coat under his arm. And we rise to inquire—why the rain coat under his arm instead of through the arm holes; could it have been that the frosh wanted to try out the new leather jacket?

Student Council voted \$395 to the band for much needed equipment.

—The Technique

Collegiate Review

"I would like to register for work."

"Very good. Can you mow lawns, type, raise chickens, keep books, lay bricks, teach, cook, sell shoes, keep bees, wash windows, saw wood, write, dig ditches run a comptometer, paint pictures, build bridges, proof read, orate, milk grow bananas, janitor, run a jack hammer, drive a truck, wax floors, wait tables, wash cars, make paper flowers, plaster, prescribe medicines, pile coal, lay sidewalks, solder, manage a store, doctor trees, carry a hod, take care of children, or slaughter steers?"

"Yes."

"Sorry, no openings."

At a lumber camp one hundred men and two women cooks were employed.

"When you make your report," said the owner to the foreman, "don't use a lot of language. Just put down in figures what has been done during the month."

When the report came it read: "Last month one per cent of the men married fifty per cent of the women."

Science is resourceful; it could not open the Pullman window so it air-conditioned the train.

After looking over a moose in a zoo, it seems to us that a man shot by mistake for one of them might just as well be dead.

TAKEN FROM LETTERS TO E. ST. LOUIS RELIEF OFFICE

My husband has worked one shift for about two months and now he has left me and I ain't had no pay since he has gone or before either.

Please send me my elopement as I have a four months old baby and he is my only support and I need all I can get every day to by food and to keep him in close.

I am a poor woman and all I have is gone.

Both sides of my parents is very poor and I can't expect anything from them as my mother has been in bed for one year with one doctor and she wont change.

Please send me a wives form to fill out.

Please send me a letter and tell me if my husband made application for wife and child.

I already wrote the President and dont hear from you. I will write Uncle Sam and tell him about both of you.

Mrs. — has no clothing for a year and has been visited by the clergy regularly.

I cant get no pay. This is my 8th child. What are you going to do about it?—Lamar Democrat.

Wanderings of A Drunk's Mind

I had 12 bottles of whiskey in my cellar and my wife told me to empty the contents of each and every bottle down the sink "or else" So, I said I would and proceeded with the unpleasant task. I withdrew the cork from the first bottle and poured the contents down the sink, with the exception of one glass, which I drank. I extracted the cork from the second bottle and did likewise, with the exception of one glass which I drank. I then withdrew the cork from the third bottle and emptied the good old booze down the sink, except a glass which I drank. I pulled the cork from the fourth sink and poured the bottle down the glass which I drank. I pulled the bottle from the cork of the next and drank one sink out of it and poured the cork down the bottle. I pulled the next cork out of my throat and poured the sink down the bottle and drank the glass. Then I corked the sink with the glass, bottled the drink and drank the pour. When I had everything emptied, I steadied the house with one hand and counted the bottles and corks and glasses with the other, which were twenty-nine. To be sure, I counted them again when they came by and I had seventy-four and as the house came by, I counted them again and finally I had all the house and bottles and corks and glasses counted except one house and one bottle which I drank.

Cossack Chorus Scores Hit Here

The Don Cossack Chorus, directed by the talented Nicholas Kostukoff, kept the Miners applauding from the beginning to the end of their repertoire, Friday night. The Miners were especially pleased with the perfect intonation, the precision, and the contrasts of their voices.

The Don Cossacks, who are on their second tour of North America, are one of the world's renowned choruses. They have sung in all corners of the earth and were the only artists selected to inaugurate the music season of the Golden Gate International Exposition in San Francisco.

The two outstanding features of their performance were the "Lezginka", the Caucasian Sword dance, and the "Kozatchok", the dance of the Don Cossack soldiers.

The Cossacks' repertoire of the evening consisted of the traditional old Cossack songs, ranging from lullabies and hymns to God to the wild war songs of the soldiers.

The University of Illinois is constructing new campus buildings at a cost of \$3,400,000.

—Daily Texan.

Off the Campus

Theta Kappa Phi House welcomed the following Alumni on Homecoming: Pat Cummins, J. K. Walsh and wife, Charles Murphy, Bob Cummins, James Murphy, Virgil Fruzzard, and Paul Etzkorn.

Guests that accompanied the grads were Edna May Dennis, Lulagene Johnson, Betty Jean Reynolds, Toni Ratican, Analise Gimson, and Marget Haut.

Sunday two members were initiated by Theta Kappa Phi. They are George Axmacher and Brendon Cormady both of St. Louis.

MINERS stop in at the

ROLLA STREET CAR

for Soda, Sandwiches and Ed's delicious chile

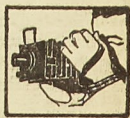
What Is College?

To one great phrase-maker, college is the apprenticeship of life.

To us, college means all this, and more, too. It means study and research, athletics and activities, community living and bull-sessions, parties and performances, classes and examinations, grades and graduation. Add to these the thousand and one events of a college career, and you get the true answer to "What is College?"

And to get a true picture of all phases of college life, readers of this paper get accurate local news in our own columns and "national college news in picture and paragraph" in our Collegiate Digest picture section. Follow Collegiate Digest's picture parade and complete local news regularly in this newspaper.

Send your pictures of activities on our campus to: Collegiate Digest Section, Minneapolis, Minn.



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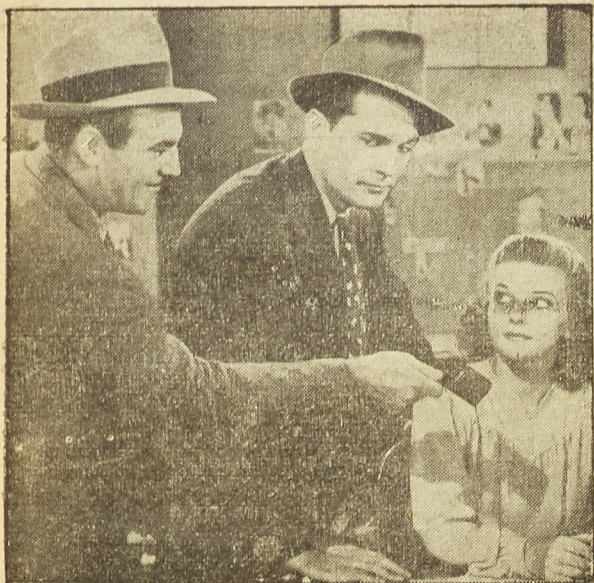
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With murder on their minds, these three crime reporters, each one trying to figure out who killed Stella Trent. Richard Lane on the left has one theory. Linton Brent (center) has another, and Linda Hayes with her own pet hunch wonders and wonders. A focal scene in the tense newspaper and radio mystery, "Sued For Libel". It's a thriller. Playing at the Rollamo Theatre's Owl Show Sat. Nov. 18th 11:00 p. m.

YOU KNOW THEM TOO

By Jane Hall

"My first visit with my mother to M. S. M. was a fascination." These words truly spoken expressed the feeling at the opening of the interview, and after two full years here, Guy Brown still says this school is "right on top." This loyalty, characteristic of Guy, is a trait which commands respect and admiration from his fellow students.



Guy commented that besides the technical knowledge he has acquired here, he has had a great deal of satisfaction in learning other lessons in life, such as holding conversations, meeting people, and making the best of a situation. He will be glad to see graduation come, but he hates to leave the town, because he has so many friends here.

He finds Rolla very amicable, but thinks the students could really have a grand time if there were about ten-thousand people in this town. "M. S. M. is too big for Rolla," he states. In spite of this fault Guy has a good time anyway. He is like that; regardless of where he is he'll enjoy himself. Perhaps he creates happiness as he goes.

Guy Brown started looking for a place to study the science of smelting and preparing metals after working two years in the metallurgy department of International Harvester Company, Chicago. He already has several prospects for positions after graduation. His ultimate goal is to enter research in his chosen field.

Here we have a man active in

both social life and campus activities. Guy is vice-president of Theta Tau, president of Sigma Nu and a member of the Rollamo Miner Board of Control, Board of Intramural Athletics, and the Student Council. One of his many friends said he is a person who has the knack of meeting people and the ability to lead them.

Guy finds inspiration in Theta Tau. One of his sincerest efforts is to uphold the standards of that fraternity. He enjoys his work at "the house" because of the responsibility it holds. He has thirty five different personalities to deal with, each one with a different viewpoint and each requiring separate attention.

When asked what sports he likes, the reply was basketball and swimming, followed with a very emphatic "I hate golf." The reason given was that he can't hit the ball far enough. His hobbies are stamp collecting and taking candid camera pictures. One thing Guy delights in is being with people and dealing with them. He doesn't care to be alone at all. In fact he confesses he is very poor company for himself.

Brown went one year to La Grange Junior College, but "M. S. M. is second to none." He tells us, "my happiest moments away from here are those when I'm getting on a train to come back."

AUDITORIUM (Continued From Page 1)

spoke in favor of the project, as did likewise Mayor Jones of Rolla. President Wilkins, of the Chamber of Commerce, appointed a committee headed by Judge Sam Hess, with Professor C. H. Black, Col. Charles L. Woods and B. H. Rucker as members, to look into the feasibility of the project and report back to the Chamber of Commerce next Wednesday at the noon-day luncheon.

The Chamber has been considering the auditorium project for some time. Wednesday's meeting marked the first action that was taken.

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ALL THESE TOBACCOS except Turkish (which is bought direct from the planters in Turkey and Greece) and Maryland (which is bought through sealed bids under government supervision) are bought at public auction, just like any other auction where you might have bought in a table or a chair.

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THE CHESTERFIELD BUYERS buy the best of these mild ripe tobaccos for the Chesterfield blend. And it is *Chesterfield's Combination*... the right amounts of Burley and Bright... just enough Maryland... and just enough Turkish—that makes the big difference between Chesterfield and other cigarettes.

IT IS BECAUSE of this combination
that Chesterfields are COOLER, have
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a better cigarette.

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