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The Missouri Miner, May 13, 1936

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THE MISSOURI MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME XXII.

ROLLA, MO., WEDNESDAY, MAY 13, 1936

NUMBER 31

M. H. THORNBERRY RELATES PERSONAL EXPERIENCES

Talk Also Covers General Mining Subjects and Prospecting

M. H. Thornberry presented a very interesting talk last Thursday evening before the Missouri Mining and Metallurgical Association. His talk was general and covered prospecting, sampling, and assaying of ores for gold. Starting out with the statement that gold was the basis or root of more misunderstanding, trouble, and fraudulent schemes than any other material found in the earth's crust, Mr. Thornberry continued to relate certain of his personal experiences in examining "gold projects".

Mr. Thornberry's most notable anecdote concerned his experience while acting in the capacity of consulting engineer at the Silver Jack Mine of Colorado in 1932. Because the Conklin Mine, which was situated on the side of a mountain opposite the Silver Jack, had been very successful in its prime, the owners of the Silver Jack had tunneled 3000 feet into the mountain-side although they had not struck the slightest amount of gold while doing so. \$200,000 of "somebody's" money had been wasted in their folly.

Mr. Thornberry's first inkling that something was amiss was his glimpse of the machinery of the mine. It presented an impressive sight with its flotation units, ball mill, and other paraphernalia that were useless in the mining of gold. When Mr. Thornberry inquired for the reason of this, he was told that

Continued on page four.

Mechanics Dept. Offers New Courses

Profs. Garrett and Williams To Teach Added Subjects

The Department of Mechanics will offer for the school year of 1936-37 four courses not at present appearing in the catalog.

Prof. Garrett will offer during the first semester a two hour course (660) in advanced theoretical mechanics covering Dynamics with some technical applications, and during the second semester a two hour course (659) in advanced mechanics of materials.

Prof. Williams will offer during the first semester a three hour course (663) in mechanical vibrations, and during the second semester a three hour course (664) in aeronautics. Course (663) will be concerned especially with the dynamics of machinery and will include such topics: Whirling shafts; critical speeds, etc. Course (664) will be a course intended to familiarize the student with methods used in the design of such structural parts in airplanes as struts; wing spars; girders, wing trusses, fuselage; etc.

It will be the purpose of the department to add further courses from time to time to the end that an opportunity may be afforded for the election of from two to five hours per week extended over a period of from one to four semesters or a maximum of twenty credit hours.

These advanced courses are intended primarily as electives for students in Electrical, Mechanical, and Civil Engineering, and any or all may be used for graduate credit.

Twelve Men Initiated Into Blue Key

Blue Key held its annual initiation last Tuesday evening. A banquet was enjoyed at the Pennant. Bob Kaley acted as toastmaster and introduced Mr. Hubbard and Prof. Clayton as speakers. Mr. Hubbard discussed the activities of the Blue Key fraternity and Prof. Clayton talked about student government. Oscar Holman read the history of Blue Key.

The following men were initiated: Allan Bliss, Craig Ellis, Robert Goelkel, Harry Kuhlman, John Long, Joe Murphy, Mel Nickei, John Radcliffe, Henry Steinmetz, Harry Berger, John Frame, and John Kiser.

—M.S.M.—

Senior Miners to Cover 1581 Miles

Twelve Men Left Thursday on Long Trip; Back in Rolla May 21

The twelve Senior Mining Engineers left Rolla last Thursday afternoon on their annual inspection trip, accompanied by professors Forbes and Mullenburg. The trip will cover 1581 miles as scheduled, and several side trips will be added.

The itinerary leads through southeast Missouri into Tennessee, down to Birmingham, Alabama, back to Norris Dam, through Illinois to St. Louis, up to Alton on the river, then back to Rolla, arriving May 21. It includes barite deposits near Potosi, Mo.; part of the St. Joseph Lead Co., and the Peerless Lime Co., both in St. Genevieve, Mo.; The Tennessee Coal and Iron Company, near Birmingham, Alabama; The Tennessee Copper Co.; Norris Dam; American Zinc Co.; at Mascot; Rosiclare Lead and Fluorspar Co., Rosiclare, Ill.; Bell and Zoller Coal Mine near Zeigler, Illinois; Zinc Smelter of the American Zinc Co., in East St. Louis; and the Federal Lead Smelter in Alton, Ill.

The students going on the trip are C. L. Alt, R. T. Chapman, W. E. Dennis, C. M. Jenkins, C. T. Millice, B. E. Peebles, J. R. Rafor, E. H. Reed, W. F. Reinmiller, T. A. Roes, J. W. Ruwwe, and M. R. Spahr.

—M.S.M.—

Tau Beta Pi Holds Spring Initiation

Tau Beta Pi, honorary scholastic fraternity, held its spring initiation last Wednesday evening. The initiation was held in the club room and the banquet was served at the Pennant. Dr. Stephenson gave a very interesting and instructive talk on taxation.

The following men were initiated: Volz, Bruer, Logan, Price, Luder, and Culbertson.

—M.S.M.—

CIVIL SERVICE EXAMS!

The United States Civil Service Commission has announced open competitive examinations as follows:

Assistant adviser labor law administration, \$2,600 a year, Division of Labor Standards, Department of Labor.

Senior paper technologist, \$4,600 a year, Forest Service, Department of Agriculture.

Associate gas engineer, \$3,200 a year, Bureau of Mines, Department of the Interior.

Full information may be obtained from Miss Helen Baysinger, Secretary of the U. S. Civil Service Board of Examiners, at the Rolla post office.

A. S. C. E. HEARS PRESIDENT OF BUILDING FIRM

Covers Recognized Fields of Civil And Architectural Engineering

Last Thursday evening, May 5, the local student chapter of the A. S. C. E. was entertained by an instructive talk given by Mr. A. P. Greensfelder, President of Fruin-Colnon Construction Company of St. Louis, Missouri. Mr. Greensfelder is a member of the A. S. C. E. and of the St. Louis Engineers Club. His speech covered the recognized fields of Civil and Architectural Engineering and predicted several developments that will furnish opportunities for engineers.

According to Mr. Greensfelder there are two major types of engineering construction — vertical and horizontal. The architect is largely interested in the vertical; that is, building of houses, etc. The civil engineer's field is in the horizontal; that is, highways, rivers, etc.

The man who plans to enter the horizontal of heavy construction part of engineering must have at least three definite qualifications. First, he must like mathematics. Any man is practically hopeless as an engineer if he cannot do mathematics. Second, he must like mud; this includes the dried and pulverized mud which some people call dust. Third, he must be able to get along with men. It is estimated that seventy percent of engineers are doing technical work and thirty percent, administrative work. Therefore the first and third of these qualities are of utmost importance.

Continued on page four

Three Harmones Discovered in Past Few Years

Dr. Doisy of St. Louis University Lectures Before Ira Remsen

Dr. Doisy, of the Biochemistry Department of St. Louis University, gave an interesting lecture on harmones, particularly sex harmones, Wednesday evening at 7:30, to the Ira Remsen Chemical Society. This is the second time he has been here, the other time was about three years ago.

Doisy started at the beginning of the science of glands and described the various types of glands. There are two types of glands: Ductless, those that excrete their products directly into the blood stream; and duct glands, those that have outlets into the surface of body tissue. Ductless glands are called endocrine glands. The substance found by glands are called harmones, and they are extraordinarily active. Doisy is now working with a substance so active that one milligram of the compound will affect 200,000 mice.

The glands in the human in order of their position from head, downward are: Hypophysis, the most important, thyroid, parathyroid, pancreas, adrenal, and the sex glands or ovaries and testes. He had some slides showing the effect of the thyroid gland development. There are sub, or hyper, functions, and abnormal, or hypo, functions.

Various means of studying glandular effects are: I. Examination of patients dying from odd diseases,

Continued on page four

Kansas City Element Controls Election

At the close of their meeting last Tuesday evening the members of the A. S. C. E. elected officers for next year. The balloting was quite friendly with the Kansas City contingent carrying off the honors.

The new officers are as follows: Bob Elgin, President; E. B. Lanier, Vice-President; Walter F. Breuer, Secretary-Treasurer.

Instad of the usual coffee and doughnuts there was pie a-la-mode for refreshments. The members and visitors were well pleased at this and tried to eat it all but were not quite successful.

—M. S. M.—

Sigma Xi Elects Officers for Year

Mr. Fred D. DeVaney New President; Annual Address Scheduled Soon

On May 8, the honorary scientific society of the Sigma Xi elected new officers who will take office at noon, Commencement Day and serve for one year. These newly elected officers are:

President, Mr. Fred D. DeVaney Vice-President, Dr. O. R. Grawe Secretary-Treasurer, Dr. S. R. B. Cooke.

(Chairman, ex-officio), Dr. S. R. B. Cooke, (ex-officio), Professors Frame, Grawe and Stephenson.

The society has 23 active, 2 associate, and 2 alumni members on the campus.

At seven p. m. Thursday evening, May 28, the annual Sigma Xi address will be given by Mr. Mervin J. Kelly of the Bell Telephone Laboratories of New York City. His subject will be "What Price Electrons, A Problem in Industrial Research". Mr. Kelly is a candidate for the honorary degree, Doctor of Engineering; he is an alumnus of the school and he is well known in Rolla. His talk should be of interest to faculty, students and friends of the school. The Society of the Sigma Xi wishes to extend an invitation to all those who may be interested to attend this address. The place of the address will be announced later.

—M.S.M.—

Long Elected President of Alpha Psi Omega

Alpha Psi Omega, dramatic fraternity of the campus, elected officers Thursday evening. Those elected were: Jack Long, Director; "Doc" Maise, Assistant Director, and E. F. Hill, Secretary-Treasurer. Their next production will be held next year.

—M.S.M.—

Senior And Junior E. E.'s To Attend A.I.E.E. Session

The Senior Electrical and Junior Electrical's will go to St. Louis Friday, May 15, to attend an A.I.E.E. technical session sponsored by the St. Louis Section. At the session there will be papers presented by students from the Missouri School of Mines, Washington University and Missouri University.

R. T. Fisher will present a paper on the Characteristics of an Improved Repulsion Induction Motor, this same paper was presented at Fayetteville, Arkansas, last week. Also Schwalbert will give a paper on the High Intensity Mercury Vapor Lamp. This will be competitive in that there are two prizes offered, first prize \$15., second prize \$5.

After the technical session there will be a banquet which will no doubt be enjoyed. We wish the fellows good luck and hope they will bring both prizes back to M. S. M.

DISTRICT ENGINEER DESCRIBES WORK OF U. S. SURVEY

Hydraulics' Class Hears Methods of Determining Flow of Water

Mr. Henry C. Beckman, District Engineer of the Water Research Branch of the U. S. G. S. gave a very interesting talk Tuesday morning to the Hydraulics class. He talked about the methods used for determining the flow of a stream. There are a number of methods used. The oldest method of obtaining the rate of flow is by determining the length of time required for a float to pass a certain distance. These surface floats are inaccurate because of retardation or acceleration caused by the wind. Submerged floats are sometimes used but they also have some disadvantages. Weirs are used to measure small quantities and broad crest dams for large quantities. Several other methods are also used. Among these is a method which introduces coloring matter into the water. The penstock method is also used at times but is rather expensive because large quantities of salt are introduced into the water which changes the current carrying ability of the water. Resistance measurements of the water are made at two intervals along the stream. The time required for the salt to travel from one location to another gives the rate of flow. The Gibson method is sometimes used on hydro-electric plants. The Gibson method works on a difference of pressure in a converging tube similar to a Venturi meter.

The means generally employed

Continued on page four

Dr. Barley on M. C. N. A. Program

Head of English Department Speaks To College Group

Dr. J. W. Barley, head of the English Department, spoke on censorship of college newspapers at the Missouri College Newspaper Association held in Columbia last Friday and Saturday as a part of the Journalism Week Program.

He mentioned the aporobrium usually attached to the idea of censorship of newspapers, especially in the national sense. The college press differs from the daily newspaper both in having a more restricted and a more critical audience.

There are two kinds of faculty advisers; those who closely regulate the content and composition of the school paper, and those who give the staff a free rein, interfering only when the limits of propriety are overstepped. The advantage of the first lies in the certainty of having nothing undesirable printed in the paper and the advantage of the second lies in promoting the initiative and inventiveness of the editor and his staff. It also avoids reducing the policy to a reflection of the adviser's opinions and making of him a re-write man. There are disadvantages to both.

The college newspaper may easily become the leading intellectual force of a campus, he concluded, if rightly edited. It may bring about an eager and informed college spirit, but whether it will do this or merely be a weekly display of ballyhoo and trivialities depends on the ability and purposes of the staff.

THE MISSOURI MINER



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WHO IS EDUCATED?

In a few more weeks colleges and universities all over the country will be turning out men and women into a world to judge and be judged. Ever since they were five years old they have been attending some sort of an institution of learning. For what reasons have people spent eight, twelve, sixteen, or more years in school? To fit themselves to make a better living, most will answer—to become educated.

In other words the more a man goes to school, the more educated he becomes. Perhaps—At any rate that is hoped to be so, but much to our dismay we find that this is not a fact. Men may continue to attend institutions of learning, master one subject after another, think they are educated but turn out to be educated fools, who are merely puppets in this great world.

Who then is educated? On one of the walls of the public library in Cleveland there hangs an inscription entitled, "The Ten Marks of an Educated Man." The author of this inscription has so keenly defined an educated man that his ideas are well worth reprinting.

"He keeps his mind open on every question until the evidence is all in.

He always listens to the man who knows.

He never laughs at new ideas.

He cross-examines his day-dreams.

He knows his strong point and plays it.

He knows the value of good habits and how to form them.

He knows when not to think, and when to call in the expert to think for him.

You can't sell him magic.

He lives the forward-looking, outward-looking life.

He cultivates a love of the beautiful."

An extra number of years spent in school does not necessarily make one more educated than another, it is how he applies what he knows.

M.S.M.

TECHNICAL NEWS

By E. L. Claridge

Dr. Franz Boas, Columbia University anthropologist, last week reported on twenty-six years of research on "The Melting Pot" of America his efforts to determine the effect on immigrants of life in America. He began by measuring skulls, then branched into a study of languages, customs, etc. 2 years ago he started on racial gestures, which are the last things to change in the melting pot process. The immigrant himself, Dr. Boas has found, changes very little, but his children change greatly, becoming almost typically American. Thus

In two generations the racial origin is often indeterminate physically.

"The Mutiny on the Bounty," its sequels, "Men Against The Sea" and "Pitcairn's Island" are well known to most people, but though told that it is a true story, do not realize that the descendants of the mutineers and their Tahitian mates still form a flourishing community on Norfolk Island nearby, where the colony moved bodily some years ago in the search of more room, and also on Pitcairn Island itself, where some forty-five returned from Norfolk in 1864. Dr. Harry L. Shapiro has written a book, "Heritage of the Bounty," on his study of the islands and their inhabitants. It is an excellent account of the history and present status of the descendants of the (Bounty) mutineers, and presents its scientific conclusions in a well written and entertaining form.

General Electric Company now boasts of equipment for sterilizing or pasteurizing dirt at much lower cost than existing methods. Sterilization of the dirt means that fungi, insects, and weeds are eliminated from the soil and flowers may be grown without weeding in such dirt. It consists of heating units encased in brass which are embedded in the soil. The saving in labor of weeding soon pays for it.

The Babylonians, though recognized heavy drinkers, even sold their beer by weight instead of by volume. The reason was not because their scales were more accurate than their measuring jars, but that the beer was made and sold in solid lumps. To prepare the drink, a lump of "beer" was placed in water and in a short time it quickly fermented to give a refreshing drink of low alcoholic content. The lumps were made of a special kind of bread in which barley malt was an important ingredient, containing also sweet date pulp. The bread was baked on hot stoves at a moderate temperature and then stored until used.

A Symposium in Theoretical Physics will be held at Michigan University from June 29 to August 21. Prof. Bethe of Cornell University will lecture during the first four weeks on the physics of high speed particles. Beginning in the second

week in July Prof. Lawrence of the University of California will lecture for four weeks on the design and technique of the cyclotron, important new tool of atomic physicists, and artificial radioactivity and the biological action of neutrons. Prof. W. Heisenberg of Leipzig, discoverer of the "principle of indeterminacy" named after him will discuss various problems of nuclear (atomic) physics, during the latter part of the program.

Most of the elements made temporarily radioactive by a cyclotron (newest type of atom-smasher) soon lose their properties, returning to their original state in a few hours or days, but a beryllium-aluminum target used at the University of California in Prof. E. O. Lawrence's famous cyclotron shows an induced radioactivity which has a minimum half life of ten years. It was used for over a year in the cyclotron, and has been studied for the last four months. Possibly some substitute for radium may eventually be derived in this manner.

Dr. L. A. Chambers, of the U. of Pennsylvania Medical School, has found that intense audible sounds will produce visible light in fourteen different liquids at the spot where cavitation occurs. Cavitation is a phenomenon occurring in water, for example, at the blades of rapidly whirling propellers. Tiny holes or empty spaces are formed near the blades. These collapse suddenly, and a momentary high pressure is created where the liquid comes together. This pits propeller blades; the same phenomenon taking place in steam turbines. Dr. Chambers creates cavitation holes in his experimental liquids by very intense audible sounds with frequencies ranging from 1000 to 9000 cycles per second. The exact explanation is as yet undetermined.

Marquette University authorities recently refused to allow a Young Democrat political meeting on the campus.

M. S. M.

Alumni of Seth Low College, Brooklyn unit of Columbia, have organized to fight a discontinuance order.

KRUDE



HUMOR

Doctor: What! Your dyspepsia is no better? Did you follow my advice and drink hot water one hour before breakfast?

Patient: I did my best, but I couldn't keep it up more than ten minutes.

Louis Allis Messenger.

Captain: Did you shave this morning Boorky?

Yes, captain.

Captain: Well next time stand a bit closer to the razor.

Two drunks were leaning over a bar telling intimate stories of their life.

"I weighed only a pound when I was borne," said one.

"Only a pound! Did you live?" asked the other.

"Did I?" You should see me now.

The Columns

Nix On The Nude

A Gamma Phi—"I want to help you, dad. I shall get the dress-maker to teach me to cut out gowns."

Dad—"I don't want you to go that far, Peg, but you might cut out cigarettes and taxi bills."

Synthetic Pair

First Girl (on bathing beach)—"Marge ought not to go in alone. She was nearly drowned yesterday and Jack had to use artificial respiration."

Second Girl—"You mean Marge had to use artificial drowning."

London Opinion.

Father: "Weren't you out after eleven last night?"

Son: "No, I was only after one."

"How do you account for your success as a futuristic painter?"

I always use a model with hiccups."

Kitty Kat.

Mother: "Were you discreet at the party last night?"

Daughter: "And How! We locked the door."

G-E Campus News

BUT MAW,
IT'S CLEAN DIRT!



CLEAN DIRT

SOAP and water will still be needed to clean Junior's face and hands, but if Junior's father is a florist he will welcome this clean dirt. Florists and specialty growers wage a never-ending battle against weeds, insects, and plant parasites which flourish in greenhouse soil. But reinforcements have arrived. Clean dirt may now be economically obtained by means of electric equipment developed by General Electric scientists.

Electric heating units, arranged in a wooden bin, heat a quantity of soil to a temperature of 160-180 F. Heating sterilizes the soil by a process which resembles the pasteurization of milk, and weed seeds, insects, and fungi which are dormant in the soil are killed during the sterilization process. In the resulting germless dirt, plants can attain a vigorous, uniform growth, free from the competition of weeds and the inroads of other plant enemies.

"AH, WATSON,
AN INDUSTRIAL CRIME"

THE "corpus delicti"—a broken resistance wire; the suspect—a defect in the wire; the detective—a microchemist. With microscope

and analytical apparatus of incredibly small dimensions this industrial superdetective finds tiny crystals of sulphate near the break. The trail leads to a nearby furnace giving off sulphurous fumes. Thus, the wire is cleared of suspicion of having been defective, and the criminal fumes are eliminated.

This analysis is typical of many industrial "micro-mysteries" that have been solved in the Research Laboratory of General Electric. A development from methods devised in the



fields of biology and medicine, microchemistry has become an indispensable servant to industry, with accomplishments as great as the quantities with which it deals are small.

With thimble-sized beakers, and test tubes as small as 1/50 of an inch in diameter, the microchemist analyzes quantities of material 17,000 times lighter than a drop of water. He has defined a new unit of mass, the gamma, one millionth of a gram. A streak of dirt, a smudge, a minute pit mark—all these can be taken into the laboratory with a reasonable assurance that the microchemist will be able to provide the answer to the problem.

96-257FBI

GENERAL ELECTRIC

"OUTLOOK FOR MECHANICALS GOOD"-PROF JACKSON

Automobile Industry Offers Outstanding Opportunities For Graduates

Professor R. O. Jackson, when asked about the outlook for graduating mechanicals, says, "Good, the outlook is always good, it has been exceptionally good for the past several years. Only during two years of the depression were there poor prospects for the graduates."

"Not only have the men in the mechanical engineering field had considerable ease in securing positions but they have obtained places prominent in the profession."

"Of the many parts of the engineering field the mechanical engineer may be expected to work in any number, for example the steel mills of the field offer him excellent opportunities. It is estimated that 80 per cent of the engineers employed in the steel industry are mechanicals. The remaining 20 per cent is composed, in the main, of Metallurgical and Chemical engineers."

"The mechanical often finds a satisfactory livelihood in some chemical plant or brick plant. Because of the diverse training which the mechanical receives he can easily adapt his energies to this above mentioned type of work. The most outstanding field for the mechanical is the great automotive industry, whose rapid expansions of the last decade have given the energetic engineer an ideal situation for interesting work and opportunity for success. Even the wide automotive field is ever increasing, and so holds, in itself, a bundle of surprises and possibilities for the young engineer."

"Mining machinery, and the mining industry must have mechanical engineers to promote and control some phases of that field. The mechanical finds much concern with heavy machinery such as the larger prime-movers, diesel engines, and large turbines. It is usually the larger enterprises in the mining field that employ the mechanical, therefore he has fine opportunities for rapid advancement and profit from his work. Aside from mining the oil fields with all their romance of engineering put the mechanical to a calling there. He may be a powder or an explosive engineer."

"The employer of a new graduate usually is very considerate with the ability and experience of the graduate."

uate. The employer looks to the new man as one who has 'tools' with which to work. Behind him is his vast amount of training built around comprehensive study and carefully planned schedules. The employer may study the traits and adaptations of the new man to see where he may best use his time. The employer is to build the graduate into a superior engineer, he can only do this by serious thought and a thorough knowledge of his employees. He may find it necessary to stop your work at times to divert your attention to pure reason; helping you to justify your efforts by not merely work. Do the job well, even at the sacrifice of time."

"Subordinates many times can tell the 'school-wise' engineer a few things about which he knows nothing. It is a poor policy to believe so much of ones self that you cannot participate in another view of a subject. Attention to employees plus serious interest in them will win their confidence and friendship. Upon any misjudgment or misinterpretation on the part of the employee a confidential and friendly explanation will give him a clear unprejudiced understanding. The spirit of the organization is improved."

"Some mechanicals extend their school work, upon graduation, to include an additional degree in electrical engineering or metallurgical engineering. Perhaps these degrees are not essential but they automatically stand for more rapid progress in the mechanical field."

"Jobs of the sort offered by some of the present government projects are of limited duration, and securing such a job would not be justified by advancement of any great value. Aside from the reasons of insecurity entrance into private industry tends to encourage thrift and personal improvement."

Out of seven of the mechanical class of '36, four have secured positions, the others are expecting positions soon. The four are Clarke (American Fence and Wire Co.); Turk and Walker (Eastman Kodak); Hillmeyer, (Copperous)."

—M. S. M.—
SUMMER SCHOOL STARTS JUNE 1; DR. BARLEY AGAIN DIRECTOR

Summer School opens this year on Monday, June 1. Dr. Barley will be in charge. A number of subjects will be taught which may be taken for credit in M. S. M. This summer course is chiefly non-engineering, but some of the courses are the same as taught here during the regular school year. Dr. Barley will be glad to help you arrange your schedule.

Subjects in Summer School that may be taken for credit by School of Mines students are as follows:

English

All courses except Engineering English.

..... Mathematics
Algebra, Trigonometry, Analytical Geometry, Differential Calculus, Integral Calculus, Mathematics of Finance.

Chemistry
General Chemistry, both semesters; Qualitative Analysis, Quantitative Analysis.

Biology
General Biology, General Botany.

Physics
Both semesters Sophomore Physics.

Social Studies
Introduction to History, American History, General Economics, both semesters, General Sociology, American Government.

—M. S. M.—
Advertise in The Miner

—M. S. M.—



THROUGH THE TRANSIT

By Homer Bru



The eyes of the transit swung out of Rolla a trifle the past week-end, and happened to light on Columbia, where several Miners were seen (we say seen because that is what happened). A husky footballer from the Triangle house was seen dining and dancing with a charming coed.

Incidentally this same Miner had a liking for the loop-the-loop in a carnival playing there. Something like "Time Marches On."

The gag man for the athletic department (pardon us, we meant publicity man) was also seen with a darling M. U. student, although nursing an aversion for the same loop-the-loop.

This same guy was a trifle mixed up on his Greek alphabet, but with the help of the Associated Press Correspondent managed to get around.

Ye old editor spent most of his time ducking into driveways when the Columbia boys decided they wanted the rightaway. Evidently the Tigers don't believe in traffic laws.

"Country-boy" McCrae thought that Columbia was New Mexico and tried to catch a Gamma Phi gal coming thru a sliding door. The door didn't slide but McCrae did, and he was caught out at home plate.

Holiday proved a little "snaky" by worming his way round the various sororities. P. S. He's a second story man!

The old dirt farmer, Al Hoener, dug in deep over the week-end and wasn't seen by any of the M. U. belles (save one). In fact popular, ceramist went home before the week-end was over.

The former editor of this rag, accompanied by the Society Ed of the Rolla Hi Staff, spent most of the time in worrying how he could get to Chicago with the rest of the Civils. That didn't prevent those two from having a good time however, and the week-end was saved.

... Now back to Rolla.

Wednesday night the Sigma Nu bunch celebrated their acquirement of a long list of trophies gathered together throughout the year. All but a couple of the boys made it to class the following morning with a clear head. Of course Adams finally got into the mood to wait up until the C. E. bus was ready to leave.

My, my, the Met. Dept. thinks of all the best ideas first. "Boots" and

his buddies held one of their lab classes out on the golf course the other day creating a little competition between the students and the professor. Of course "Boots" won but Pfeifer gave him a pretty close race. We certainly wish that some of the other professors would take the game of golf seriously so we might enjoy these fine afternoons basking in the sunshine.

George Nations got himself de-railed up in Columbia this week-end and he had quite a time catching the train for Chicago to meet the senior trip. The last report I heard of him was that a great deal of work would have to be done to get him upon the Chicago bound train. My but the Miners certainly leave Columbia with a light head.

The Knights of Columbus will be in town this week for a convention. There certainly are going to be three pretty rough nights, which will include a dance. Don't know where the dance is going to be held boys but I will leave that for you to find out.

The senior miners and civils left last Thursday for a little trip around the country. The civils will spend quite a few days in the big city, on Lake Michigan and from the looks of the condition the young engineers left they are going to have quite a rough time. It is rumored that Skipper has warned the boys about drinking and taking in the slide shows without his consent. The boys better be careful because there are plenty more kinds of probation left.

During our ramblin on the Friday nite of the "snake" dance we saw a couple of our prize students on the football field near the bleachers with a couple of sweet nothings, we are too modest to try and explain what they were doing there but we know they weren't waiting for the football game to start. Tsk, Tsk boys what would your mothers say.

Where does Kopp (our young Lochinvar) go these fine evenings in his blue run-about (one mile to a gal.)? If the evenings were any longer Kopp would still get home at the crack of dawn.

Bob Price has been out of the limelight for quite a while. Come on Bob, let loose and give us something to talk about because, the best looking fellow in school can't possibly be on his good behavior for so long a time.

ALPHA PSI OMEGA FINANCIAL STATEMENT

Covering the period from May 28, 1935 to May 8, 1936.

Receipts

From General Lectures Committee.....	\$ 75.00
From Initiation Fees.....	4.50
Deficit May 8, 1936.....	28.63
	\$108.13

Expenditures

Deficit May 28, 1935.....	0.35
Net Expenses of Play "The Tightwad".....	51.16
Net Loss on Play "Some Baby".....	23.88
Page in Rollamo.....	20.00
Initiation Banquet.....	9.49
Books for Organization Library.....	1.50
Bank Charges.....	1.75
	\$108.13

Accounts Audited
H. H. ARMSBY, Student Advisor.

E. W. SIMPSON, Treasurer.

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BUSINESS OPPORTUNITY and job for student graduating in mining engineering. Should have some capital or be able to obtain same. Write immediately for details R. B. Thrasher, Scarbrough Bldg., Austin, Texas.

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UNIQUE CONTEST HELD AT ANNUAL M C P A MEETING

Everett Irwin Writes Winning Article on "Lloyd Lewis" Fraud

Everett Irwin, Feature Editor of the Northwest Missourian, Maryville, received first prize for a news story which he wrote last Saturday at the annual convention of the Missouri College Newspaper Association.

A dramatic skit presenting a recent internationally discussed news event was presented to the members of the M. C. N. A. News stories were written by the members as if they had witnessed the actual event. These stories were judged by members of the staff of the Columbia Missourian.

This news story is so well written that we are passing it on to you.

"Lloyd Lewis, seventeen-year old Plattsburg, Missouri farm boy and the announced winner of the Eddie Cantor \$5000 peace prize, admitted today that the winning essay was a forgery. The admission came as Lewis was being entertained by the radio and screen star in his New York hotel.

"Speaking in a faltering voice, the youthful Missourian told Cantor that he thought it was all right to copy almost word for word an essay written by Dr. Frank Kingdon, president of Newark University. Lewis did not know the meaning of plagiarism.

"Dr. Kingdon informed the comedian of the nearly exact duplication of the two articles after a friend of the Newark educator noticed the similarity. No statement was made by Dr. Kingdon in regard to any action he contemplates against the Missouri boy.

"Cantor made it known that he considered Lewis free from blame in the matter. He made no announcement of his plans to choose another winner."

—M.S.M.—
Sigma Nu Celebrates Mother's Day With Dinner; Seventy Guests Present

Last Sunday being Mother's Day, the Sigma Nu Fraternity celebrated with a dinner to which all their parents, relatives, and friends were invited. Among the sixty or seventy people present were Dr. and Mrs. Fulton, Mr. H. H. Armsby, and Colonel Woods.

A sprinkling of red and white carnations and a score or more of mothers made this annual affair quite a gala occasion.

—M.S.M.—

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From Rolla to Kansas City For Example:
Station Day Rate 90c; Sunday and Night 55c
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Person Rate \$1.25; Sunday and night 90c—Saving 35c

Dr. Monroe Nominated To Fellowship

Dr. C. J. Monroe, Professor of Physical Chemistry of the Missouri School of Mines, received word from the American Institute of Chemists that he had been nominated for Fellowship in that organization. The American Institute of Chemists is an organization organized for the purpose of establishing a professional standing for the chemists.

—M. S. M.—

Lambda Chi's Win Softball Title

Defeat Sigma Nu's in Two Straight Games in Playoff Series

The Lambda Chi's won the Softball Championship by defeating the Sigma Nu's in the three game final series. The series went only two games as that was all the Lambda Chi's needed to prove their superiority. The feature of the first game was the two hit pitching of Reed. Holiday, the losing pitcher, allowed only four hits, but that was enough for the Lambda Chi's. The second game was not as much of a pitcher's duel as it was a batter's duel. Reed was forced to retire in the second game but Horky, his relief, stopped the Snakes big guns for the rest of the game.

The final score of the first game was Lambda Chi's 3 Sigma Nu's 1. Neither team scored a run until the sixth inning. The Lambda Chi's pushed three runs across the plate by means of four walks and one hit. Rodman singled with the bases loaded to score two runs and win the game. Bliss scored for the Sigma Nu's in the last inning but Reed put on a little more steam and retired the next three men to end the game. Rodman got two of his teams four hits to garner batting honors for the day. Bliss and Peter's got one hit each, the Sigma Nu's only hits.

The Sigma Nu's started the second game of the series as though they were going to make up for their first defeat. Reeders could not hold his three run lead, and in the fourth inning the Lambda Chi's scored four runs. They came back again in the fifth frame to score five more runs and win the game. The Sigma Nu's scored three runs in the second inning, two in the fourth, and one in the sixth. Shores had a perfect day at bat with two hits out of two times at bat. Hoener grabbed two hits out of three times at bat.

First Game

Lambda Chi (3)

	AB	R	H
Beckman, lf	2	1	0
Blish, 2b	1	0	0
Kerwin, cf	1	0	0
Shores, ss	2	1	1
Kaley, c	1	0	0
Rodman, 1b	3	0	2
Reed, p	3	0	0
Bommer, rf	3	0	0
Bowman, 2b	3	0	0
McGregor, sc	3	0	1
Berger, 3b	3	1	0
	25	3	4

Sigma Nu (1)

	AB	R	H
Howerton, rf	3	0	0
Wommack, lf	2	0	0
Bliss, 1b	3	1	1
Holliday, p	3	0	0
Grewis, ss	3	0	0
Adams, sc	3	0	0
Peters, cf	2	0	1
Hoener, 3b	2	0	0
B. Folsom, c	2	0	0
D. Folsom, 2b	2	0	0
	25	1	2

Second Game

Lambda Chi (9)

	AB	R	H
Beckman, lf	4	0	0
Bowman, 2b	2	0	0
Harry, p	0	1	0
Shores, ss	2	2	2
Kaley, c	3	2	0
Rodman, 1b	3	1	0
Reed, p-cf	3	1	1
Bommer, rf	2	1	0
Kerwin, cf	3	1	1
McGregor, sc	3	0	1
Berger, 3b	3	0	0
	25	1	2

WINCHELL'S ECHO

Your correspo. back again, and starting off the column by saying, "there isn't anything to say." That is so near being the truth, as anything that I have said so far. The advent of "Mother's Day" coming in the past week-end, sent most of the Miners home to see the maters and paters before starting the next two gruesome weeks. I am reminded not to mention that, so I'll have to ask you to pardon me.

Py the way, speaking of the men who left town brings to my mind the fact that several alumni visited here for an overnight stand. Two such men were Charlie Haddock, and Bill Bright, both of whom seemed to enjoy themselves immensely. I might even say tremendously.

This thing is getting rather dead this time, and is due to the fact that my snooping helpers went out of town, and left me out in the cold. I shall probably get so low as to predict what is to happen at the K. of C. free (that's such a pleasant word) dance at the Gym, this Tuesday evening. Thanks to certain rules of the institution, several of the stomping (such slang) seniors are doing their best to entertain Chicago and all points west, which gives us a little rest. However, the rest of the student population will help to make it a success, unless I have been robbed of any insight what-so-ever. That my friends, would be a tragedy.

The Sigma Nu's entertained their parents last Sunday, and did an excellent job of it I'm told. Dr. and Mrs. Fulton were among the more prominent guests. That is a very commendable spirit men, and an act that you may be proud of.

Ah, here is a bit of news for me, from one of my best snoopers. It seems that one of the huskier men on the campus, didn't like his own bed Saturday night, and decided to stay and spend the night in the little place off Pine Street, and I don't mean Harvey's. No mention of any details are in the memorandum, so I'll devote my time to things that I know less about.

I rather suspect that there will be some disappointed men who read the column this week, maybe because they didn't rate a mention (its getting to be quite the thing you know) and maybe because the thing is too long the way it is.

Gotta go to church lads, look out for the bars on the thirteenth. Your Correspo.

—M.S.M.—

Knights of Columbus Hold Convention Here

A state convention of the Knights of Columbus opened yesterday morning with a parade from the Hotel Edwin Long to the Catholic Church, led by a company of Zouaves, K. of C. drill organization, and the Lion's Club Band from Steelville. The convention then convened at Parker Hall, in the auditorium. In the afternoon another session was held while the visiting ladies had a bridge party in the Parish House. Last night they held a banquet with a free dance at the Gym afterward, Jimmie Gilmore, furnishing the melody. The convention closed this morning. Delegates to the national convention to be held in Toronto in August and officers for the next year were elected.

—M. S. M.—

Sigma Nu (6)

	AB	R	H
Howerton, rf	4	1	1
Wommack, lf	4	0	2
Bliss, 1b	4	0	1
Holliday, cf	4	0	0
Grewis, ss	4	0	1
Adams, sc	3	1	0
Peters, p	3	1	1
Hoener, 3b	3	2	2
B. Folsom, 2b	3	1	1
D. Folsom, c	3	0	1
	35	6	10

—M.S.M.—

Advertise in The Miner

Officers of College

Press Elected

At the annual convention of the Missouri College Newspaper Association last Saturday, officers for the new year were elected. They are as follows: President, Roland L. Meyer, Jr., Editor of "Student Life"; Vice - President, Kellingsworth, who is connected with the "Southwest Standard"; Treasurer, R. G. Prough, Business Manager of the "Miner"; and Secretary, Lewis Johnston, who is connected with the Missouri Valley Delta.

—M. S. M.—

IRA REMSEN

Continued from page one

2. Experimental procedure, surgeon X-ray, and 3. Transplantation portance in actually getting the work done, while the second ids of glands in normal animals.

The first gland secretion was isolated in 1901. Doisy discussed the chemical nature of the hormones, which involved some complex organic chemistry. Hormones are composed chiefly of proteins, and sternal.

Doisy has just completed some exacting work on the extraction of a very active sex hormone, from hog ovaries. They worked over about 1½ tons of ovaries in the past year to get 9 milligrams of the hormone.

The results of biochemistry of the past few years are the discovery of three sex hormones and the determination of the composition of several more of them.

—M.S.M.—

A. S. C. E.

Continued from page one

largely in making the job tolerable to the man who does it.

The three probable developments of the near future which will furnish opportunities for engineers are "tourways", "flow-ways", and re-urbanization. "Tourways is concerned with the separation of commercial and pleasure traffic on commercial traffic on the highways decreases the tourists pleasure in their use and the tourists create greater road hazards for commercial drivers.

There is a movement in Washington to appropriate money for a system of national Parkways to link the National Parks and the industrial centers. This is a step in the right direction.

The idea of flow-ways is to control and harness the small streams of the nation to serve the purposes of flood control, water supply, and water power. There has not been any great development of this plan as yet but it certainly has interesting and economically profitable possibilities.

The streets of our cities are so narrow that it is almost impossible

to keep traffic moving. At the same time the street area relative to merchandising area is far too large. The solution is to rebuild the cities with larger blocks and fewer streets, these streets to be considerably wider than at present. This is the idea of re-urbanization.

Mr. Greensfelder closed with a plea for engineers to advertise their work; make motion pictures of the big jobs. People are interested in motion, noise, color and romance. No matter how worthwhile a project is it cannot be developed until the people are ready to pay for it. We can and must sell them!

—M.S.M.—

HYDRAULICS

Continued from page one

by the U. S. G. S. is the Price current meter. The Price meter has about eight cones mounted on a spindle which revolves in the water because of the difference of pressure on the two sides of the cone. An electrical make and break is installed on the shaft. Wires leading from this are connected in series with a battery and earphone. Every revolution of the meter causes a click in the ear phone. These clicks may be counted and converted over to current flow figures.

There is a direct relation between the flow of a stream. There are three methods of determining the stage of a stream; by the staff gauge, the float gauge, and a recording gauge. For a given change in river stage there is also an increasing rate of flow. The relation between these two reading change so that corrections of the tables and charts are made every two months on small streams and about every ten days on large rivers.

Tuesday afternoon the Hydraulics class made a trip to Jerome, Mo., where they measured the flow of the Gasconade River. The students of M. S. M. are very fortunate to have a man like Mr. Beckman interested in them. The MINER wishes to take this opportunity to express the appreciation of the students for this interest. Mr. Beckman is Contact Engineer for the A. S. C. E. and has been very active in this organization's work for some time.

—M.S.M.—

MINING

Continued from page one

the machinery was there to aid them in selling stock in the mine!

After three weeks of laborious work during which samples were taken at ten foot intervals throughout the whole 3000 ft of the mine and then assayed, not a single trace of gold could Mr. Thornberry find. He did discover galena in commercial quantities and advised in his report that the deposit be worked. But they did not take this advice, for, as stated, a lead mine would not sell stock.

Mr. Thornberry's caution to the

young engineer to be constantly on the alert when out in the field was well impressed upon the minds of the audience, both by way of statement and of citing case-examples. He particularly emphasized the pitfalls that abound in assaying. Many and ingenious have been the attempts to hoodwink Mr. Thornberry by "salting" ore samples. Among the various methods used in this practice were dropping a "loaded" cigarette into the crucible, adding gold dust to the charge with the aid of a hollow core, adding a piece of orange peel which had had a solution of colloidal gold shot into it with a hypodermic needle, and using "salted" lard as part of the crucible charge. This last method especially is very apt to trick the inexperienced engineer.

At the conclusion of his very enjoyable talk, an open discussion was held at which Mr. Thornberry cheerfully answered all questions that were put to him by the audience. In the absence of Frank Reinmiller, president of the society, who is out of town on the senior Miners' trip, Werner Culbertson, treasurer, presided. Several members of the faculty and about twenty-five students were in attendance.

PROGRAM

ROLLAMO THEATRE

Matinee Saturday and Sunday

Matinee: 1:30 and 3:30

Night: 7:15 and 9:00

Wed. & Thursday, Bargain Nite
Shirley Temple

In

"CAPTAIN JANUARY"

Also

"Scotty Finds Home",

News Flashes

Admission, 10c and 36c

Friday, May 15, Matinee&Night

"SONG AND DANCE MAN"

with Claire Trevor, Paul Kelly and Michael Whalen

Also

"Timid Young Man", "Pictorial"

Matinee 2:30, Night 7:15 and 9:00

Admission 10c and 25c

Saturday, May 16,

Matinee and Night

THE FARMER IN THE DELL

with Fred Stone, Jean Parker, Esther Dale and Maroni Olsen

Also

"Wash Your Step",

"All American Drawback"

"Adventures of Tarzan"

Admission Matinee 10c and 15c

Night 10c and 25c

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Sunday Matinee 10c and 25c

Nights 10c and 36c

Tuesday, May 19, Bargain Nite
IF YOU COULD ONLY COOK

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"Neptune Nonsense"

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MINER SPORTS



MINERS WIND UP IN FIFTH PLACE IN CONFERENCE MEET

**Brown Steps Away From Ferguson To Win
Two Mile; Lange Earns Tie In High Jump**

By Jimmie Evans

For the second time this season the Miners ended up in fifth place in an M. I. A. A. conference meet. And for the second time this season the Cape Girardeau Teachers annexed the title in a conference meet, thus establishing themselves as champions in the 1936 track season. Cape picked up 54 2-5 pts. by taking four firsts and tying for three others to give her an edge of better than eleven points over Springfield, her closest rival who took second with 42 1/2 markers. Maryville was third with 29 7-10, Warrensburg was fourth with 20 1-5, while the Miners picked up 19 tallies for a fifth. Kirkville finished a bad sixth with 4 1-5 points. During the progress of the meet one record was smashed and two others were tied, and all of this was done by one young man, Herschel Neil, Maryville's one man track

team. In the Broad Jump this Olympic prospect smashed Pearson's record of 2 years standing to set a new one at 23 ft 3 inches. In the century dash he tied his own record of 9.8 sec. and in the 220 he equalled the time set by Jim Wilson of Warrensburg in 1927 of 21.8. With these three firsts Neil further acquired the honor of being high point man of the meet.

Captain "Red" Brown turning in his best performance of the season stepped away from Cape's midget Ferguson and a score of other aspiring distance men to give the Miners one of their two firsts. Bob Lange annexed the other gold medal for the Miners by tying Godard in the high jump. However both men must have had an off night for compared to their usual performance they turned in a rather poor showing. Along with his first Bob also took a second in the broad jump. Jimmy McGregor also placed for the Miners in the broad jump. "Giant" Bishop scampered over 220 yards of wooden barriers to place in the low hurdles. George Machens in his first year of competition for the Silver and Gold hurled the javelin better than 175 feet for a third place. Then the mile relay team composed of Mel Nickel, Eddie Ballman, Ken Tuckett and Jimmy McGregor stepped out over the four laps to gain an additional point for the ore diggers.

Notes On The Meet.

The meet was opened by the Springfield Bears drum and bugle corps composed entirely of girls. Dressed in brilliant red and white uniforms they paraded up and down the field while everybody naturally stopped everything and stared, especially the Miners.

Rain, which had been threatening all evening, delayed its arrival until the meet was practically over. It started to sprinkle as the last event got under way and just as the Springfield mile relay team broke the tape it began to pour in earnest.

In the two mile run Captain Buran Brown of the Miners, Captain Ferguson of Cape, and Martin of Springfield were all competing in their last race for their respective Alma Maters.

Russ Youngbluth, Miner high timber topper, was running second when the man in the lane next to him knocked over a hurdle in front

of him and tripped him.

Baxter of Kirkville, conference title holder in the shot put and discus was unable to compete in the evening finals. While running in the preliminaries of the high hurdles in the morning wrenched his back, and sufficiently injured himself to prove any further participation in the meet useless.

Among the Miners who were competing in their last intercollegiate match was Jimmy McGregor or who during his four years here at Rolla has collected twelve major awards for interscholastic athletics. Incidentally Jimmy was kept from competing in the dashes by an oversight of the judges. In his heat in the preliminaries in the morning Jim was in the outside lane and finished second but there were two men running neck and neck in the first two lanes and the judges were so intent upon them that they failed to even see Jim.

Wayne Godard of Cape who once or twice has given Bob a run has one of the strangest kicks in the high jumping racket. When timed right it is a beautiful thing to see but Friday night when the bar rose over six feet it seemed to fail him.

Henson of Springfield who captured the mile and half mile had one of the nicest finishes seen this season. In the half Baker of Warrensburg and White of Cape made it a half stretch fight for the whole two laps.

2-MILE RUN—Won by Brown, Miners; Ferguson, Cape, second; Bench, Springfield, third; Martin, Springfield, fourth. Time—10:26
100-YARD DASH—Won by Neil, Maryville; McLane, Cape, second; Bass, Springfield, third; Bona, Cape, fourth. Time—9.8

220-YARD DASH—Won by Neil, Maryville; Bass, Springfield, second; Kiehne, Cape, third; Knight, Springfield, fourth. Time 21.8
440-YARD DASH—Won by Bapst, Warrensburg; Keith, Springfield, second; J. McDonald, Cape, third; Kirm, Cape, fourth. Time 52.6.

880-YARD RUN—Won by Henson, Springfield; Baker, Warrensburg, second; White, Cape, third; Bell, Springfield, fourth. Time 2:04

MILE RUN—Won by Henson, Springfield; Allen, Warrensburg, second; White, Cape, third; Fetters, Kirkville, fourth. Time—4:35.8
110-YARD HIGH HURDLES—Won by McLane, Cape; Green, Maryville, second; Cain, Warrensburg, third; Perkins, Springfield, fourth. Time—15.8

220-YARD LOW HURDLES—Won by McLane, Cape; Norman, Cape, second; Bishop, Miners, third; Rhodes, Maryville, fourth. Time—26.4

880-YARD RELAY—Won by Cape, (McLane, Kiehne, McDonald, Korn); Springfield, second; Maryville, third; Warrensburg, fourth. Time—1:32.2

POLE VAULT—Harcastle, Cape; Moore, Maryville; Obermiller, Cape; Porter, Kirkville; Marsden, Warrensburg, tied for first. Height 12 feet

HIGH JUMP—Lange, Miners and Godard, Cape, tied for first; Tracy, Maryville, third; Green, Maryville and Bell, Springfield, tied for 4th. Height—6 ft 1/2 in

SHOT PUT—Won by Richmond, Cape; Teegarden, Warrensburg, third; Sipes, Maryville, fourth. Distance—42 ft 9 in

DISCUS THROW—Won by Teegarden, Warrensburg; Barrett, Maryville, second; Hrebec, Springfield, third; Woodfill, Warrensburg, fourth. Distance—118 ft 10 in

JAVELIN THROW—Won by Brill, Springfield; Stoops, Springfield; Stoops, Springfield, second; Mach-

PFEIFER SCORES 150 FOR FIRST PLACE IN GOLF MATCHES

Coach Brown Comes Through To Interrupt Coach Stubers Long Reign Over The Coaches

The track team might have failed to gain as lofty heights at the M. I. A. A. meet as some of the Miners might have hoped for but they can have no kick coming as far as the golf team is concerned. Herman Pfeifer playing against a high wind was medalist with a score of 150 for the thirty-six holes.

Then in the coach's tournament, Coach Brown was medalist for the eighteen holes. The second place went to Abe Stuber of Cape who has held the title in the coach's tournament for seven years.

The team title in the undergraduate tournament was won by the Kirkville team composed of Barnes and Crookshank, with a total of 336 for the 36 holes.

BASKETBALL DATES FORMULATED AT COACHES MEETING

Kirchoff Represents Miners; All Dates Set Except Cape Girardeau at Rolla

At a meeting of the Conference Coaches held before the M. I. A. A. track at Springfield last Friday, the 1936-37 basketball schedules were drawn up.

Coach Kirchoff has all the loop games, with the exception of Cape Girardeau at Rolla settled. Cape at Cape Girardeau, Dec. 18; Kirkville at Rolla, Jan. 9; Springfield at Rolla, Jan. 15; Warrensburg at Rolla, Jan. 29; Maryville at Rolla, Feb. 5; Warrensburg at Warrensburg Feb. 8;

ens, Miners, third; Brown, Cape, fourth. Distance—184 ft 2 1/2 in
BROAD JUMP—Won by Neil, Maryville; Lange, Miners, second; McGregor, Miners, third; Smith, Warrensburg, 4th. Distance—23 ft 3 in

MILE RELAY—Won by Springfield (Knight, Keith, Perkins, Bass) Cape, second; Kirkville, third; Miners fourth. Time—3.31.

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Kirkville at Kirkville, Feb. 15; Maryville at Maryville, Feb. 16; Springfield at Springfield, Feb. 24.

The other game between the Miners and Cape Girardeau will be arranged at a later date.

—M. S. M.—

Nine hundred and fifty alumni of the University of Notre Dame were asked this question recently: "Do you think you missed anything by not attending a coeducational school?"

Answers: 766 said "No." 78 thundered "Absolutely Not." 36 said "Yes". 25 said "Social life." Eight said "Don't know." Seven said, "Possibly." Five murmured, "Not much."

—M.S.M.—

Excessive bathing may mean you have a guilty conscience, says Dr. Mandel Sherman, Chicago psychologist.

—M.S.M.—

Advertise in The Miner

—M. S. M.—

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"March of Time" Features V. F. W. In Screen Release

Story of Organization And Growth Dramatically Told

New York City—The story of the organization and growth of the country's latest phenomenon, the serio-comic Veterans of Future Wars, which has spread from Princeton University to most campuses throughout the country, is dramatically told as one of the principal episodes of the new March of Time on the screen released nationally last month.

Although scarcely two months old, the "Veterans," brain child of three Princeton undergraduates

with an hilarious idea of prepaid patriotism and a bonus before they fight, now has more than 20,000 members and 144 posts over the country.

The March of Time turns its cameras first on the university and college undergraduate today, much more aware than was his father of the world outside. It shows the political clubs which exist on every campus and the interests of the youths who must fight the next war. Marching across the world's front pages they see the armed forces of Europe and hear in new terms the old story of 1914. They know of the activities of the Veterans and their fights for bonuses.

The episode shows the start of the Veterans of Future Wars and the sensation it caused at Princeton. Soon fifty schools had organized and an office had been opened. In corridors of the national capitol ap-

peared a new kind of lobbyist to buttonhole politicians. As veterans and bonus advocates strike back, the idea behind the national travesty is shifting and broadening. The profiteers of future wars and other similar groups are organized.

Today, however, the undergraduate have begun to take on a deeper significance. As the Veterans of Future Wars incorporate in New Jersey and become a new national youth movement, the film points out that they are potentially capable of killing, through ridicule, many a warped idea that today menaces the peace of the world.

Several hundred college students took part in making the film and camera crews were sent to the campuses of Princeton, Rensselaer Polytechnic at Troy, New York, and Sarah Lawrence College at Bronxville, New York, in order that every part of it might be authentic.

It is the first time that the March of Time has devoted an episode to the activities of the undergraduate and it will be of interest to students everywhere as a photographic record of their interests this past semester.

—M. S. M.—

On the sunny, leafy campus of Sanford University there is an air of expectancy, of uncertainty. What everyone is thinking of at the moment is—how will David Lam-

son be received back at the school after his three years in prison?

The reception of the man who finally won acquittal after three trials for wife-murder interests the columnist on the Stanford Daily who writes, "it would be a glorious opportunity to prove sincerity or hypocrisy." Despite the reception, says the writer, Lamson "will be known as a Stanford man who has won a fight greater than most Stanford men will ever have to face."

TRIMNESS COUNTS

Your Appearance Reflects Your Habits

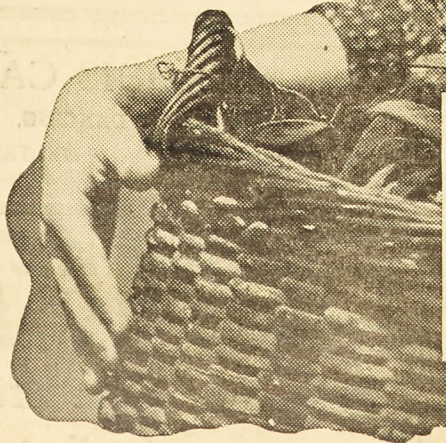
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