



05 May 1937

## The Missouri Miner, May 05, 1937

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MAY 5 1937

# THE MISSOURI MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME XXIII

ROLLA, MO., WEDNESDAY, MAY 5, 1937

NUMBER 30

## "Accidents Responsible for My Success," Says A. I. M. M. E. Pres.

Seventy-one Students and Guests Attend Banquet at Hotel Edwin Long, Thursday Night

Amidst the fragrance wafted from the cigars of good fellowship, the Annual Missouri Mining and Metallurgical Association Banquet ran its course at the Hotel Edwin Long on Thursday, April 29.

The fraternal convocation, which lasted from 6:00 until 9:00 p. m., was heightened by apt and informative words from the lips of Mr. Paul Weir, consulting engineer of Chicago, Illinois; Dr. A. C. Allen, president of the American Institute of Mining and Metallurgical Engineers; Mr. Parsons, secretary of the A. I. M. E.; and Mr. Weigle, an M. S. M. alumnus. A. H. Barclay, president of the local student association, performed the toastmastering. Seventy-one students and guests were present.

Immediately prior to the repast and while still in the lobby of the Edwin Long, all the banquetees were presented to their guests by Professors Walsh and Forbes, and Dr. Stephenson. Earlier in the day, however, had occurred the first introduction of the guests to M. S. M., when Prof. Clayton had shown his fellows of the mineral industry around the campus and Prof. Forbes had been host to an inspection of the local coal deposits.

The speeches began when, after a tasty dinner had been consumed, the atmosphere had been further meliorated by the smoking of the ever essential after dinner cigars.

The first speaker was Mr. Weir, whom Toastmaster Barclay had called upon Dr. Fulton to introduce. Dr. Fulton and Mr. Weir at one time had been colleague faculty members of the Case School of Applied Science.

At the outset Mr. Weir acquainted his student audience with the fact that he knew that very few, if any

of the future engineers present were interested in coal mining. A previous confab with Prof. Forbes had gained for him this information. And he did not desire to divert those present from their choice of field to follow, for as he was well aware, the main thing in life is to find the thing one likes to do best, the something to which one can give his all. Nevertheless, Mr. Weir did wish to point out the advantages of the coal industry, why it is in his estimation "the most interesting, the most devilish thing one can imagine."

Sixteen years ago when Mr. Weir left Case to enter the mineral industry of Southern Illinois, the min-

Continued on page four

## Dr. Miles Talks To ASME on "Gliders"

The History, Advantages, Operation, and Problems of Gliders and Gliding

A meeting of the A. S. M. E. and some visiting Freshmen and Sophomore mechanical aspirants was held in Mechanical Hall Tuesday night, April 27. Dr. Miles, Assistant Professor of Mathematics, was the guest speaker of the evening. Dr. Miles and about five or six other students founded the local A. S. M. E. in 1930 and was the first chairman. The organization has been growing ever since.

Dr. Miles chose for his subject "Gliders." Gliders are a special hobby of Dr. Miles'. Besides helping to build a glider and being an active member of a glider club at MSM a few years ago, Dr. Miles has observed the performance of gliders in Michigan.

The history of gliders begins in 1890 when two German brothers conceived the idea that they could glide through the air in the same manner as birds. They noticed that birds could fly for several minutes without flapping their wings. These birds would sail along gradually descending and start climbing after making a sharp turn. This peculiar movement is very important in gliding. When the glider comes into a rising air current, it may make a turn and gain altitude. The air current is traveling upward faster than the craft is descending; thus enabling the glider, after two or three turns, to gain altitude. Sometimes trouble is

Continued on Page Three

## A. C. I. A. MEETS

The newly formed Advisory Committee on Inter-collegiate Athletics met with the Faculty Athletic Committee Sunday morning in the Club Room. R. P. Cummings, '05, was elected chairman of the new committee.

Organization of the group was taken care of and in joint session with the faculty committee, business of the day was handled. The meeting adjourned at 12:30 and followed with a dinner at the Hotel Edwin Long.

## Dr. G. A. Muilenburg To Head Missouri U. Field Trip

M. S. M. Students Urged To Register Immediately

Dr. G. A. Muilenburg, head of the Geology Department, will direct a field trip into the Papa Aggie Country for the University of Missouri. The work of the party will include mapping and reporting of the geology of the area about Lander, Wyoming. Side trips of the party will include about three days at Yellowstone National Park.

This trip will last eight weeks. It is about the most reasonable of its kind offered anywhere—the entire trip and course fees amounting to less than \$100.00.

Students of M. S. M. who are interested can receive more information from Dr. Muilenburg. The party leaves Columbia, Mo., about the first week in June.

M.S.M.

## DR. MANN ADDRESSES JOPLIN KIWANIS CLUB

Reprint from the Joplin News-Herald

A theory that it soon will be possible to "analyze people like we analyze compounds" was expressed by Professor C. V. Mann of Rolla, Professor of Engineering at the Missouri School of Mines, in an address at the weekly luncheon of the Kiwanis Club April 21, in the Empire room of the Connor hotel. His topic was "Educational Guidance." He was introduced by Dr. J. Albert Chenoweth, program chairman.

Professor Mann used a series of charts to illustrate the results of extensive tests with students at the Rolla school. He asserted that they demonstrate conclusively, that tests given during their freshman year are accurate indexes to their rank as seniors.

He showed a device (which he has evolved, called a "personograph", in which the student's aptitudes and natural preferences in courses of study are recorded. Almost invariably, the educator said, the results on the chart will indicate whether the student is capable of mastering an engineering course, follow some other profession, or is not qualified for college at all.

A humorous interlude was provided when Professor Mann solemnly pointed the chart of a student who showed neither a liking for scientific courses nor high intelligence and declared that the student in question had transferred to the law school of the University of Missouri.

He suggested that the tests might be adapted to high school students, particularly those interested in going to college, to help the students select the proper course of study.

## Annual Convention of College Newspapers To Convene at Columbia

Simpson and Prough To Represent The Missouri Miner at M. U. May 7 and 8

The annual convention of the Missouri College Newspaper Association, of which The Missouri Miner is a member, will be held at the University of Missouri, in Columbia, on Friday and Saturday, May 7 and 8. A delegation from M. S. M. will attend the meetings.

A feature of the convention will be the presentation of a loving cup to the college newspaper which is judged the best submitted in the association's contests, and presentation of six silver medals to writers of the best individual stories which have appeared in the various college papers. The Miner is entered in these contests.

The loving cup will be presented to the winning paper by The Springfield

(Mo.) Leader Press.

The St. Louis Star-Times will present the medals for the best news story, editorial, feature story, sports story, poem, and column. The presentations will be made at the annual Sigma Delta Chi luncheon Saturday noon.

Two faculty advisers will discuss college newspaper problems at the Friday afternoon meeting which will begin at 2 p. m. James N. McClure, adviser of The Student Life, Washington University, will talk on "Some Editorial Pitfalls and How to Avoid Them." Lee Morris, adviser of The Southwest Standard, Southwest Missouri State Teachers' College, will speak on "The School Paper and Campus Citizenship."

Roland L. Meyer, Jr., president of the Missouri College Newspaper Association and former editor of The Student Life, will make the opening talk of the meeting on "Brightening Up the College Paper."

On Saturday morning a news-writing contest will be held for the delegates attending, criticisms will be received on the various contest entries, and new officers elected for 1938.

Officers of the association, in addition to Meyer, are: Vice-president, Charles Killingsworth, editor of The Southwest Standard; Secretary, Lewis Johnston, editor of the Missouri Valley Delta, Missouri Valley College; and Treasurer, Richard Prough, Business Manager of The Missouri Miner, Missouri School of Mines.

Those from M. S. M. who will be delegates at the convention are: E. W. Simpson, Business Manager, R. G. Prough.

M.S.M.

## ALUMNUS KILLED

Kansas City Times, May 3, 1937:

After seven years in the wilds of Africa and South America, A. V. Eulich, Kansas City mining engineer, returned to the safety of civilization to meet death by the modern destroyer—the motor car.

Mr. Eulich, who lived at 5625 Kenwood avenue, was killed Saturday night when his motor car ran into the rear of another car about five miles east of Lees Summit on U. S. Highway No. 50. He was 39 years old.

The adventurous life that drew Mr. Eulich as a young man was the realization of his boyhood dream of travel and the lure of exotic lands. Born in St. Joseph, Mr. Eulich attended grade and high school there and then went to the Missouri School of Mines at Rolla. Mining engineering offered him, he believed, an opportunity to satisfy his desire for travel. After his graduation in 1922, the first job he obtained was in the diamond mines in the Belgian Congo and Portuguese Angola.

## Returns To Marry

After two years in the diamond mines, he returned briefly to Missouri to marry Miss Margaret Sally, a Rolla girl. Their honeymoon was the trip back to Africa, where they

Continued on page three.

## VOTE TODAY!

### SAMPLE BALLOT

My vote concerning the Constitution for the Student Council of the Missouri School of Mines as published in the "Missouri Miner" of May 5th, is as follows:

Constitution with Article III, Plan B: YES NO

Constitution with Article III, Plan C: YES NO

Note:—Scratch Two



## THE MISSOURI MINER



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FACULTY ADVISER ..... DR. J. W. BARLEY

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## IT IS YOUR DUTY

Regardless of your affiliations in the campus set-up as referred to GREEK or INDEPENDENT you have a duty to the school to cast a vote in today's election. Your duly elected representatives have chosen two plans from which we are to choose our future governing body. Open discussion in mass meetings has given opportunity for further revision of the two selected plans. It is now the duty of every registered student to act in the best interest of his school—VOTE TODAY.

—M.S.M.—

## PAST VERSUS FUTURE

The prerequisite to winning is the WILL to WIN. The laws of nature may balk if the human equation is strong enough in the negative direction. We have a past to fight to create a future here on the Miners campus. How proudly we remark at the slightest provocation that we are 'MINERS', and yet here we are faced with a problem that asks only that we hold true to that allegiance, for a solution. What causes this differentiation of allegiance when questioned on campus affairs? The answer seems to be—AGE OLD POLITICS. Some, through selfishness, refuse to budge from the past. Is it fear of open competition with all students or is it actual belief in the present political system? The first reason seems to hold most water in this present crisis. The future looked forward to is one that holds most for the MINERS. What we have is not of our choosing, but that under what we must continue is our own problem! Let's throw the selfish PAST out of our minds and work toward an ALL MINER FUTURE.

—M. S. M.—

## MOTHER'S DAY

College often brings a separation of Mother and Son that causes the first real appreciation of just what a Pal MOM has been all these years. Still every week or so we get a box from home that cheers the heart—be it Freshman or Senior. Your colors are always at top in your Mothers mind. Everyday her thoughts follow you through a fanciful routine of her own creation. Never a moment slips by that you are not uppermost in her mind. Sunday, May 9th, is dedicated to all the Mothers of the world. It is a national tribute to our MOTHERS. Think of MOM Sunday and send her a card or some little something to let her know that she is not forgotten though many miles separate you.

ATTEND CHURCH ON MOTHER'S DAY.

## WHAT'S NEW IN SCIENCE

By MAX BOLOTSKY

"The Eclipse Expedition Weighs Anchor" for the fifth time over the air waves on Thursday, May 6. To all you adventurous spirits of scientific heart this broadcast should have unusual allure, so scan your radio sheets that eve, and tune in on the doings. The party will now have reached Honolulu, where the entire program will be sent from the deck of the U. S. S. Avocet. Prominent officials and members of the expedition will take part: Dr. Gilbert Grosvenor, president of the National Geographic Society; Governor Poin-dexter, of Hawaii; Admiral Orin G. Murfin, Commandant, Navy Yard, Pearl Harbor; and Dr. S. A. Mitchell. Appropriate Hawaiian music will serve as a background.

The complete series of broadcasts is as follows:

May 10: "At sea with the Eclipse Expedition."

May 16: "The Eclipse Expedition arrives in the South Seas and Chooses Its Island."

May 22: "The Eclipse Expedition at Home in the South Seas."

May 25: "News from Home" and "Entertainment for the Eclipse Exiles."

May 30: "The Eclipse Expedition Celebrates Decoration Day in the South Seas."

June 1: Duplicate of May 25 Broadcast.

June 7: "Dress Rehearsal for the Eclipse."

June 8: Introduction to main program.

June 8: "Description of the total eclipse of the sun from the area of totality in the South Seas."

June 8: "What the Eclipse Expedition Saw."

"Let's dig a mine for fun!" Those may have been the exuberant words of our youth, when every clay hole and earthen bank possessed enchanting possibilities of hidden gold. But now, as engineering students—"Whadda ya think I am, ca-ra-zy?"

And that is just what natives in and about Bluemont, a small Blue Ridge Mountain town of Virginia, think of the operations that have been going on all winter at nearby Mt. Weather. For months an adit has been drilled farther and farther into the hard basalt rocks of the Blue Ridge, but for what apparent purpose? To mine rock! "Why, one can pick up all the rocks he desires here and anywhere else with no trouble at all. Why go to such great difficulties, blasting 175 feet into the mountain just for rock? And why pick on the HARDEST rock in the bargain? The man is dippy!"

But Wing G. Agnew, the general U. S. Bureau of Mines resident engineer on location, is on the contrary a most level headed man, and so is his purpose. Mysterious though it may seem to the layman, the project, of which he is in sole charge, is nothing more than one of the countless research problems to which the U. S. Bureau of Mines is heir, or should I say father? The mine which Mr. Agnew and the miners under him have been laboriously tunneling all winter is a test mine, where experiments on "the efficiency of drill bits, dust production and its relation to the silicosis problem, the efficiency of different kinds of dynamite and blasting agents, mine ventilation, and other problems" are being performed. Because the U. S. Bureau of Mines functions for the mining industry as a whole and not as an investigation unit for individuals, the work must be carried on in neutral conditions, no matter what added expense and difficulty this entail. Therefore the experiments are being done under the related circumstances instead of in a commercial mine. Again, a mine deli-

cated to the sole purpose of experimentation provides an ideal quantitative as well as qualitative set up. So Mr. Agnew goes merrily on his way, tapping dynamite into holes bored in the toughest (but of consistent uniformity) rock faces he can find.

Meanwhile Bluemont inhabitants whisper among themselves theories which range all the way from gold mining to a search for a nameless blue-green mineral which is supposed to possess peculiar properties that make it useful for Navy battleships.

It may not be the "universal solvent", but it'll do until a better one comes along. As is, the discovery of the solvent, known as selenium oxychloride, by Prof. Gilbert B. L. Smith of Brooklyn Polytechnic Institute, is another powerful blow at the present accepted ionization theories, which, without this new factor, are considered quite shaky anyway. Many strange happenings occur when the solvent is used, one of the most peculiar of which is the metamorphosis of supposedly neutral water into a base, which produces new compounds with acids.

The action of selenium oxychloride is of the greatest universality and strength. Its oxidizing power is amazing. Naught but a few substances (glass and feldspar are two) can resist its great corrosive action; it is death to most metals.

Fortunate it is to mankind that the solvent is not so prevalent as water. Were it so, we we should all have to be protected by feldspar or glass and our pathways would be of tungsten or platinum. However, with the types of glass that can be manufactured today, glass raiment would put us to little convenience.

Chlorophyll, the green coloring matter constituent of plants, and hence an essential to all life, may soon give up its long sought secrets. The synthesis of this mysterious substance appears to be close at hand, now that Dr. Paul Rothenmund of Antioch College has succeeded in making not just one compound that is closely related to Chlorophyll, but seventy.

The powers of his Chlorophyll cousins are very strange physiologically. One of the compounds, for instance, if present in the animal bloodstream requires that the animal live thereafter in darkness to survive.

Here is a little tip on how to escape the consequences of the law, the next time you attempt to manoeuvre your car after having been too sociable while with the boys. Blame your condition on an overdose of insulin!

A London police case recently brought insulin intoxication to public notice when a man was hauled into court for seemingly drunken handling of his automobile. Other symptoms of excess inebriation were present too, such as staggering and erotic thickened speech. Inquiry revealed, however, that this was all due to an insulin jag, so the motorist was freed.

But there might be dangers attendant with this artifice, like perhaps the following situation.

The brusque voice of a motorcycle policeman flags your erratic progress to a halt, and

"What's the big idea of driving while intoxicated?"

"I can't help it officer. I've got insulin in my blood."

And the motor cop, being acquainted somewhat with physiology, replies, "Well, what of it? So have we all."

"But you don't understand", of-

## MUSICAL ABILITY LIKE KAY THOMPSON'S RARE AMONG POPULAR SINGERS.

She Can Write and Arrange Songs, As Well As Sing Them

That versatile First Lady of Rhythm, Kay Thompson, wrote a whole new song for herself and the Rhythm Singers for the Chesterfield Program heard on Friday evening, April 30, over the Columbia Network. The song is called "Celebrating Time" an appropriate title since that program marked a full year of broadcasting for Miss Thompson and her Rhythm Singers have been featured with Hal Kemp's Dance Band; for 8 months prior to that time they had been a part of the Andre Kostelanetz Chesterfield shows.

Although it may not be a record, Miss Thompson is proud of the fact that she has not missed a single Chesterfield performance out of a total of nearly 100 broadcasts during the past twelve months. From July 1st through September 1936 the blonde singer and her popular chorus were on the air two nights each week. And beginning with Oct. 1936 up to the present time they have given two complete shows every Friday evening, one at 8:30 for the East and another at 11:30 for the West.

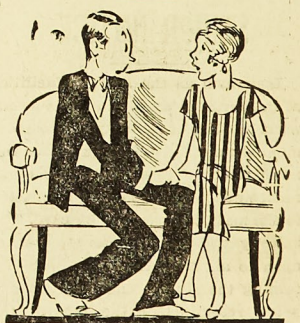
Kay Thompson has the reputation of being a hard worker... one of the hardest workers in radio today. She arranges a large part of her musical material and also writes original lyrics for many of the novelty numbers featured with her Rhythm Singers, who are Kay Thompson-trained as well. Lately she has made a number of Victor recordings to meet the widespread public demand for permanent records of her interpretations of popular songs. Two movie offers have also come out of the West in recent weeks, but Miss Thompson is convinced that radio is her field and for the present, at least, has no desire to "go Hollywood". Which should be good news for all of Chesterfield's radio friends.

—M.S.M.—

Mother's Day is Sunday, May 9th! Have you planned to send a gift or flowers to that Most Important Person—Your Mother? Mrs. McCaw's Shop on Pine Street has a large selection of gifts and cards of greeting.

—M.S.M.—

## GREEN LIGHTS



Lucy (his fiancée)—Why did you start so?

John—Did I understand you to say that your father was failing?

Lucy—Physically, I mean.

John—Oh, I see. I was afraid you meant something serious.

ficer, "I've got too much insulin in my bloodstream."

"Well, that's a new one on me. I've heard of people not having enough insulin in their bodies. They are called diabetics. What's your ailment, and anyway, what does it have to do with your being drunk?"

"I'm not drunk, officer. The insulin did it."

"Oh yeah?" And forthwith the rural cop, who is unacquainted with this latest phase of insulin history, hauls you off to the cooler, there to spend the night in silent contemplation, for court is not in session until the morrow.



## Extensive Trip By Civils Again

Chicago Inspection  
To Be Main Feature

The Senior Civil Engineers will leave Rolla Thursday, May 6, on a 1600 mile inspection trip of Jefferson City, Mo.; Keokuk, Iowa; Chicago, Ill.; Milwaukee, Wisconsin; Springfield, Ill.; and vicinities.

The personnel will be as follows: Professor E. W. Carlton, Mr. D. J. Peery, and students, H. R. Bentley, D. S. Bishop, T. J. Bommer, W. F. Breuer, B. W. Brown, N. Buck, R. Carrola, J. M. Dewey, R. L. Elgin, C. L. Fenwick, D. Folsom, W. G. Folsom, E. P. Gould, L. E. Grafft, O. E. Grewis, C. H. Harris, G. A. Harwell, C. G. Heslet, N. H. Ottinger, H. G. Stogsdill, and R. W. Wilkey.

Some of the highlights of the trip will be a visit to both the Missouri and Illinois State Highway Departments. Inspection of Gravel Plants, dams, and other points of interest.

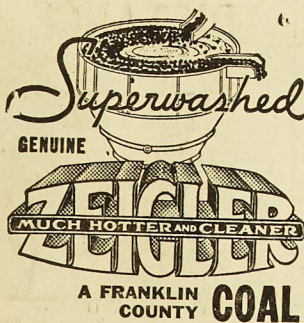
While in Chicago, the students will visit the Botanical Gardens the Zoo, Art Institute, Chicago Board of Trade, the Municipal Pier, the Chicago Tribune Publishing Co., the Eugene Dietzgen Engineering Supplies Factory, Chicago Lighting Institute, and the Reinforced Concrete Institute. The will also inspect streets, buildings, bridges, and sewerage systems.

In Milwaukee the students will visit the Allis-Chalmers Manufacturing Co., and the complete sewerage disposal plant of the City of Milwaukee.

In St. Louis the Missouri Portland Cement Plant, the St. Louis Airport, and the Curtiss-Robertson Plant will be inspected. The party will return to Rolla, May 21.

## In The Judgment of Fuel Economy

CLEANLINESS should be considered; economy is important; convenience should play a part . . . but comfort . . . the comfort that only HEAT can bring . . . should be uppermost in your mind when you order winter fuel! Ziegler considers all these factors . . . and Ozark Supply Co. recommends only the finest of fuels!



Decide now to cut your fuel bill.  
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## Freshmen Lead Softball League

Rain Holds Up Other  
Intramural Play

Ending up in a triple tie for first place, the National League is standing by until the American League can finish off their round robin. The Sigma Nu's, Theta Kappa Phi's and the Sigma Pi's have each won 4 and lost one which necessitates a round robin between those teams, whereas the Freshmen Independents look on their way to a pennant. The Freshmen lead the honors with a combined batting average of .355; Sigma Pi is second with .345; followed by Theta Kappa Phi and Sigma Nu; with .331 and .327 respectively.

### American League

Freshmen Independents	3	0	1000
Junior Independents	2	1	667
Triangle	2	1	667
Lambda Chi Alpha	1	1	500
Kappa Sigma	0	4	000

### National League

Sigma Nu	4	1	800
Theta Kappa Phi	4	1	800
Sigma Pi	4	1	800
Lambda Tau	1	1	250
Sophomore Independent	1	3	250
Faculty	0	4	000

Eleven players are batting above 500 with a triple tie for honors. Porter, Alpha Lambda Tau; Holman, Pi Kappa Alpha, and Stojeba, Sophomore Independent; lead the leagues with averages of 667. Next in line comes Rogers, Alpha Lambda Tau with 600; Strawhun, Freshmen Independents, 571; Koziatek, Theta Kappa Phi, and Livingston, Sigma Pi, with 528 each; and Hausman, Theta Kappa Phi; Willson, Faculty; Kamper, Triangle, and Tucker, Freshmen, with just 500 each.

## INTRAMURAL HORSESHOES TENNIS AND GOLF

With old Jupe on the blink, not all of the intramural matches in tennis, golf and handball were played off. Until he smiles again the time bar will be lifted. The lucky winners will be listed below to date. Horseshoes takes too much time, space and effort and a couple more rounds will have to be played before it will find its way in these columns.

### Tennis

Murphy, Junior Independent, beat Wally, Kappa Alpha, 4-6; 6-4; 6-4.  
McCrae, Sigma Nu, beat Fort, Lambda Chi, 3-6; 6-3; 6-4.

Mueller, Sophomore Independent, beat Carroll, Junior Independent, 6-3; 3-6; 6-3.

Jones, Kappa Sigma, beat Miller, Sigma Nu, 6-3; 6-2.

Casteel, Junior Independent, beat Timberman, Freshmen Independent, 6-0; 6-2.

Gund, Pi Kappa Alpha, beat Ellis, Sophomore Independent, 6-1; 6-1.

Baumstark, Sigma Nu, beat Weaver, Pi Kappa Alpha, 6-1; 6-2.

Shores, Lambda Chi, beat Klesler, Triangle, 6-4; 6-4.

Alliger, Freshmen Independent, beat Dennie, Pi Kappa Alpha, 6-4; 6-4.

### Doubles

Ellis-McCrae, Sigma Nu, beat Tucker-Timberman, Freshmen Independents, 5-7; 6-1; 6-3.

Murphy-Kenyon, Junior Independent,

## A. I. M. E. BANQUET

Continued from Page One

ing engineer was largely a surveyor. The situation has completely changed to so great a degree that now "the mining engineer is the king bee of coal property." And under or associated with him are now engineers of a multiplicity of branches—civil, electrical, mechanical, safety, explosive, chemical, geological, and others. Thus the industry now offers fascinating employment to these types as well as to mining engineers. Stated Mr. Weir, "There is more machinery, electrical and mechanical, in the coal mines than in the metal mines." Their introduction has, of course, given use to many new problems, and men of the proper training are needed to face and solve them.

An interesting phase of the coal industry has been the rapid growth and expansion of coal washing, whose importance in the coal industry is analogous to that of flotation in the mineral world. Now, more than ever, is the proper treatment of coal. The attitude of coal operators has reversed completely; "he has now come to the realization that it pays less to pay directly than indirectly for lack of adequate engineering." Accordingly, engineers trained in the problems of coal washing are in great demand.

Contrary to the usual student impression, the engineer of the coal industry is not simply a technician, but rather a supervisor or foreman of a coal mine. In addition those who possess administrative ability will be able to transfer into the production department. And there lie the really paying positions.

Now Mr. Weir came to the crux of his address, the words spoken from his many years of personal experience in industry, to words that echoed the lesson that every speaker at M. S. M. this year has attempted to strongly impress upon the students—that one should take an interest in public affairs and human relationships and learn to get along with his fellow man.

The production end of coal mining throws the engineer directly into a sphere of new problems social, labor relations, and political. At present 99% of the coal industry is organized by unions. Under the present set up it appears that the metal miners will soon be organized likewise. Therefore in order to be successful in production, one must know how to deal with labor problems. "They can't be reduced to mathematical formulas. One doesn't get their solution out of books."

In addition, the coal industry, by the Guffey Act, is now under government control and "as such tends to make everyone in the industry politically conscious. Most industrialists have been reluctant to get mixed with politics." Here Mr. Weir related an anecdote to illustrate how lax the industrialists are in political affairs.

But the time will come when the engineers will have to take part in running the governmental institutions instead of leaving them, like

dents, beat Bauman-Shores, Lambda Chi, 4-6; 6-3; 6-4.

Alger-Jones, Kappa Sigma, beat Scheckler-Dennie, Pi Kappa Alpha, 6-4; 6-0.

### Golf

Blazovic, Pi Kappa Alpha, beat Kamper, Triangle, 4 and 3.  
Pills, Alpha Lambda Tau, beat Ballman, Kappa, 2 up.

Scheckler, Pi Kappa Alpha, beat Humphreys, Kappa Alpha, 7 and 5.  
Miller, Pi Kappa Alpha, beat Hill, Junior Independent.

The team golf match was called on account of rain and they stand all even with nine holes of golf to 80.

The brackets of the horseshoe, tennis and golf tournaments are covered with defaults that means a loss of 3 points to each of those that didn't.

at present, in the hands of the politicians. Mr. Weir wished to leave this burning thought in the minds of his listeners.

The next talk of the evening was delivered by Dr. Allen. He was introduced by "Chief" Buehler, State Geologist of Missouri, last year's president of the A. I. M. E., and a lifelong friend of Dr. Allen since their school days at the University of Wisconsin. Dr. Allen, "Chief" Buehler pointed out, has been an illustration of one of the few engineers who have been in touch with public affairs (Dr. Allen was one of the seven formulators of the Federal Income Tax Law, organizer and administrator of that branch of the tax department for a period of years, the chairman of the N. R. A. Iron Ore Code, and is now the executive vice-president and general manager of Ogleby Norton and Company of Cleveland, the largest independent iron ore producers in the United States).

After "Chief" Buehler's eulogical and reminiscent remarks which depicted Dr. Allen's life from his university days to the present, Dr. Allen felt it his duty to relate the "true" reasons for his large and varied success in engineering.

"Almost everything I have done has come about accidentally," declared Dr. Allen. His acceptance into the University of Wisconsin (he lacked sufficient prerequisites), his choice of geology as a profession; his position as assistant to his geology professor; his professorship in the University of Michigan ("He had one of the best and most vigorous surveys in the U. S.")—"Chief" Buehler; his presence in Washington as one of the Income Tax Law formulators; his official entrance into mining engineering; these and many more factors of a rich life did Dr. Allen term "accidental." But—"Every opportunity I ever had has come to me through friends. All of these things that I call accidents have come about this way." Therein lies the meaning of "accidental."

It was the lessons learned, the wisdom gained from associates that started Dr. Allen on the road to success and boosted his progress all the way; and it was his personal contacts with others that enabled them to know that he could do the jobs that needed to be done. Hence he received these jobs.

"The little things that we get from our professors are worth more than the incidental facts of our scholastic subjects," pointed out Dr. Allen while relating of his college days. It was from his geology professor that he learned to never fail to get his job done, to never admit failure. With well told anecdotes Dr. Allen illustrated this point and others, such as: "Don't do anything someone else can do better or as well. Look

for something you can do better than anyone else."

Dr. Allen ended by again stating that every student present should make acquaintances in the mineral industry—The Institute (the A.I.M.E.) does this for you", he concluded.

Addresses by Mr. Parsons and Mr. Weigle followed. Mr. Parsons spoke of the unsettled life of the mining engineer, of his ever demand and thus of the great service that the A.I.M.E. performs in affording him the opportunity to meet with his professional associates.

Mr. Weigle's remarks were of a similar nature.

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### PROGRAM

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with Victor McLaglen, Preston

Fotser, Ida Lupino

"MAMA STEPS OUT"

with Guy Kibbee, Alice Brady, Betty Furness

Sun. and Mon., May 9 and 10

Two Matinees Sunday

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## SURVIVES JUNGLE TO DIE

Continued from page one

remained three more years.

In a series of articles Mrs. Eulich wrote for The Star, she described the mining industry in Central Africa. The prospecting of this field, she said, came years after South Africa had won a world-wide reputation as a source of diamonds.

Hearing the report of diamonds in Central Africa, a company was organized and prospectors, mostly American mining engineers, were sent into the heart of Africa. The adventurous engineers plunged into a tropic jungle inhabited by savages and wild animals and perilous also from insects and disease.

"And much to their joy," Mrs. Eulich wrote, "they found evidence of many diamonds. Digging several feet below the earth's surface they found a deposit of gravel which they put in a pan with a little water. They gave the pan a whirling motion which caused the heavy diamonds to sink to the bottom.

"A prospector located the site of a diamond deposit, and went on his way to search for more.

### Engineers Go In

"Next came the development by a crew of mining engineers who entered the valleys where the prospectors had found deposits. These men divided the creek or river valleys into squares and dug a pit in each square. They measured the gravel taken from the pits and panned it for the diamond content, thus determining the number of carats per cubic meter."

With this information the actual mining operations began. Heavy machinery was hauled over roads cut through the jungle. The section to be mined was cleared of vegetation, and trees sawed by hand for lumber. After the mill was constructed it was worked by native labor.

The mill was not guarded, Mrs. Eulich related, because the natives regarded the stones as "shiny glass—useless pebbles." But no one was allowed on the mining leases except government and company employees.

Mrs. Eulich was the only white woman for miles, yet in that land of tom-toms and witch doctors, the couple made a home. There their eldest son, Eric, 13 years old, was

DAY after day Johnny just sat in school. His teacher said he might as well not have come to class at all.



THEN mother made him drink milk to build him up and make him strong. A glass after school and one at bedtime.



HE HAS the honor seat now, raises his hand for every question. Tucker's Pasteurized Milk helped him think better and feel better!

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## DR. MILES TALKS TO ASME ON "GLIDERS"

Continued from page one

experienced in turning quickly enough, as it is necessary in some cases to turn in a radius of 100 to 200 yards. After watching the birds, the German brothers developed an idea similar to a quotation from "Darius Green and His Flyin' Machine," "Birds can fly, so why can't I?" They decided to copy the birds. At this time there was no Bureau of Aeronautics to which to turn for help. Their first glider had canvas on one side reinforced with wood on the other. It had a gliding ratio of 4 to 1. A modern glider has a gliding ratio of 26 to 1. This means that for every foot lost in altitude the glider will go forward 26 feet. This first glider had no controls. The pilot balanced it by shifting his weight, and the landing gear was his legs. Some of their gliders had a wing in front and one in the back with the man between two rails. He would control the glider by these rails. Other types had wings stacked above each other. These had numerous wire struts and a rigid tail. This type had control surfaces in front. German brothers were the first to get off the ground in 1890. Some Englishmen tried, but were unsuccessful. The Wright brothers first flew gliders in 1900. They developed a cast iron motor, geared the motor to a glider, and flew it as an airplane in 1901 or 1902. One of the German brothers and one of Wright brothers were killed in airplanes. After airplanes came in gliders were forgotten for the time being.

During the War Germany trained

born.

In 1925, the Eulichs returned to the United States for a brief stay. The mining engineer had been here only a short time when he obtained a job in the gold and platinum fields of Colombia, South America.

### Tests For Precious Metals

Mrs. Eulich and her son later joined the tall, slender engineer in the South American tropics, where Mr. Eulich supervised the operations of drills taking samples for gold and platinum tests. Where rich deposits were found in the beds of creeks and rivers, a dredge later was sent to obtain the precious metal.

"We had a nicer home and our living conditions were better in Colombia than in Africa," Mrs. Eulich said yesterday, "but we did not like it as well. My husband had suffered several attacks of malaria, and it was not the proper place to rear children.

"We decided to come back home in 1928. Mr. Eulich began working for construction companies in the non-metallic mining field."

The widow said the only misfortune her husband had had in the jungles was a motor car accident. Early in his stay in Africa, he was driving a car over a bridge that collapsed. Mr. Eulich dropped about ten feet in the car, which carried several heavy boxes. One side of his face was crushed in the mishap.

Surviving Mr. Eulich also are a second son, John Eulich, 7 years old, and his parents, Mr. and Mrs. John H. Eulich, of St. Joseph.

Funeral services will be held at 1 o'clock this Monday at the Newcomer chapel in St. Joseph.

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men to fly with gliders. They developed the primary glider. It is now used in Germany to teach students to fly gliders. The materials for the primary glider cost about \$50 each in dozen lots and \$89 for only one. It will weigh 118 to 200 pounds. Its wing-spread is 32 to 39 feet and it has a wing area of 160 square feet. Its gliding ratio is 7 to 1. The glider club of a few years ago used the primary glider. It was taught by pulling with two rubber ropes hooked to the front, five students on each rope, and two students to hold the tail until the rubber ropes stretched. The tail of the glider was then turned loose. The disadvantage of this type of instruction was that too much man-power was required. At the St. James airport, by pulling with cars, they were able to get an altitude of 500 to 600 feet.

The secondary glider is much more refined than the primary. Its fuselage is enclosed, it is a little faster, and it is much more stream-lined. Its gliding ratio is 14 to 1. It is very strong, being capable of standing speeds up to 75 to 110 M. P. M. It can be taken up by an airplane.

The soaring glider has a much wider wing spread, being almost 55 feet. It weighs 460 pounds and is much more expensive, costing about \$1800 ready to go. It has a tendency in a bank, if turning a little too steeply, to keep on turning and turn over. This makes it necessary for the pilot to push the other way as soon as the ship starts to turn. Its gliding ratio will run up to 26 to 1, but is usually 20 to 1. This type was developed by the Germans. Its speed is about 40 to 45 M. P. H., but can be flown 75 M. P. H. The soaring glider is much better for landing, as less space is required. The reason for this is because of the development of a 14"x10" door-like concern that opens from the back and ordinarily lies flat on the wing. There is one on each side. A lever control from the cockpit opens the device which increases the turbulent lift and also the drag. The gliding ratio is very much decreased which enables the glider to go down much faster and in a smaller field. The Germans have designed heavier and faster gliders to advantage while we used to think they should be light and slow.

The sinking speed of the three types of gliders is: primary, 7 feet per second; secondary, 4 feet per second; soaring, 2 feet per second.

In gliding, soaring means flying above the starting point, or where unhooked. The original type of soaring is static. This is done by flying back and forth along the top of a ridge where the vertical component of the wind is greater than the sink of the glider per second. By this means a glider may rise to 21 times the height of the top of the ridge. It can go nowhere except on the ridge. For this type of gliding a glider that is light with a slow sinking speed is better. Another type of soaring is thermo soaring. This was also developed by the Germans. They investigated cumulus of the air. When just forming the rate of upward moving air is about 45 feet per second. It is possible for a glider to go five or six thousand feet in ten minutes. When the velocity of one cloud slows, another cloud may be picked out. Flying from one cloud to another enables the glider to go across the country. The record in cross-country-flying is a little over 300 kilometers (about 183 miles). Richard Dupont flew 155 miles across the country in the U. S. The German altitude record is 16,000 feet and the American record 10,000 to 11,000 feet. Usually gliders built for altitude are not good for cross-country flying. The German gliders are built mostly for cross-country flying.

One of the uses of the glider is to train men to be pilots. Germany, Italy, and Russia use them extensively for this purpose. A man who

## TO THE EDITOR OF THE MINER

I'd like to tell a little story. Last Friday night I was walking down Pine St. in calm reverie. Reaching the corner at Eighth, I heard a half hearted shout and looked up. There, in the center of the intersection was a feeble blaze, a few Miners grouped around. Pondering for a few moments, I finally realized that the Freshmen were burning their suspenders! What a pitiful sight that was. On the sidewalk were a few upperclassmen, standing around with their hands in their pockets, while out in the street were the freshmen, about thirty in number. Our cheer leader, Leber, was in the ring (the ring would have had a hard time proving itself a semi-circle) doing his best to get a few yells out of the class. After a time he was successful in raising a murmur that would have put a clam to shame. All the while automobiles were continually breaking through the group. There seemed to be no organization, no leaders, and fewer freshmen. Consequently the "fire" was a flop!

Now I'd like to ask a question. Where is that pride that I've heard so much about that prevents such pitiful spectacles? Where were the Seniors? Where were the Juniors? Where were the Sophomores, WHERE WERE THE FRESHMEN? I'll tell you where they were—at home, blissfully (and purposely) oblivious that a "ceremony" was supposed to be taking place! I'll wager that if one were to collect every pair of green suspenders in town today, he would find still in existence, two thirds of those bought last fall, two-thirds of those supposed to be in smoke by now in true Miner custom!

is a good pilot of a glider may take this solo in an airplane after a 30-minute lesson. Ten hours if lesson is required ordinarily.

The use of the glider has resulted in a refinement of the airplane. The airplanes are more cleanly designed. They have a higher gliding ratio. The glider has also caused smaller airplanes to be built. Some in England have been used with 6 H. P. motors. A man in Italy flew one kilometer with his own power. This accomplishment has no future in aviation, inasmuch as a plane requires about 1/2 H. P. to stay in the air. No man would be able to turn out 1/2 H. P. for very long.

The possibility of flying here was discussed by Dr. Miles. There is no place for static flying, but thermo flying may be done. A long runway would be necessary (about four miles) to get in contact with air currents. An altitude of 2,000 feet could be easily reached. Thermo currents stop about 5:00 p. m.

Some of the problems of starting a glider club at M. S. M. were started by Dr. Miles. The greatest problem would be a place to store the gliders. The type of glider should be the two-seated primary. The result of this training would indicate who could become airplane pilots.

At the close of the meeting, D. R. Jancke, Chairman of the A. S. M. E. urged that all freshmen and sophomores interested in the Mechanical Department attend the meetings regularly and become members.



Jean Harlow

Jean Harlow, labeled by critics as the finest comedienne on the screen, is given her greatest opportunity to date as the gay American Widow of "Personal Property", new comedy romance in which she is co-starred for the first time with Robert Taylor. Sunday and Monday, May 9-10, Rollamo Theatre.

—M.S.M.—

## METALLURGY NEWS

Mr. Roy A. Lindgren, '23, Superintendent of the Blast Furnace Department, Wisconsin Steel Works of the International Harvester Company, has employed T. J. Finley, M. T. Nickel, and R. C. Tittel for the summer.

—M.S.M.—

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# FORUM

Final discussion and revision was made of the two proposed constitutions for the Student Council last Friday, April 30.

Chairman Appleyard opened the meeting by explaining the two constitutions as last revised by the committee appointed the preceding week. The Forum was then thrown open to questions and discussion as to possible revision of the constitutions.

Mimeographed copies of the revised documents were previously distributed. The first important objection raised was the fact that the Sophomores would have no representation on the Council. The fact was revealed that a true democratic form of Council must be representative of the whole student body and also that the students would have enough data about any person who had been in school one year to make a wise selection. The motion was made that Article III, Section 1, Plan B, be revised to read "The Council shall be composed of 7 Juniors, 4 Sophomores, and 2 Freshmen (This classification applies to the student when he is elected in April), etc., and Article III, Section 2, Plan B, be revised to read "Nominees shall consist of the 12 highest ranking Juniors, 7 highest ranking Sophomores, and the 5 highest ranking freshmen as scored by the prescribed merit system." The motion was carried.

The remainder of the hour was spent in discussing the faults and good points of each plan. Plan C was characterized as following the philosophy of the St. Pat's Board and Interscholastic Council; Plan B as an attempt to rise above petty differences into a true democracy with each individual represented instead of each organization.

The choice between Plans B and C will be decided by a ballot vote of all registered students of M. S. M. TO-DAY, Wednesday, May 5, from 8 a. m. to 5 p. m. Ballots may be cast any time from 8 to 5 at Norwood and Parker Halls. The ballot will be secret.

## ARTICLE I—Name

The name of this organization shall be "The Student Council of the Missouri School of Mines".

## ARTICLE II—Object

The object of this council shall be to form a mutual relationship between the students and the faculty and to maintain a just form of student government.

## ARTICLE III—Membership (Plan B Revised)

Section 1. This council shall be composed of 5 Juniors, 4 Sophomores, and 2 Freshmen, to be elected from a list of nominees at a student election by a majority of the votes cast.

Section 2. Nominees shall consist of the twelve (12) highest ranking Juniors, and the (7) highest ranking Sophomores, and five (5) of the highest ranking Freshmen as scored by the following merit system.

1 point for each year's membership in each recognized organization and for each varsity athletic letter.

2 points in addition for each year's term served or elected to as president or equivalent of a recognized organization.

Editor and Business Manager of publications and varsity athletic team captains shall each be considered equivalent to a presidency.

1 point in addition for each year's term served or elected in other major offices of a recognized organization. No one organization shall be credited with more than 3 major offices besides a presidency.

A number of points equivalent to the total of each semester's grade point average while at M. S. M. will be added to each student's score.

Section 3. Recognized organizations as referred to in Section 2 are as listed below.

This list may be revised by the Student Council according to procedure outlined in Article V, Sec. 4.

Alpha Chi Sigma  
Alpha Lambda Tau  
Alpha Psi Omega  
Athletic Association  
M. S. M. Band  
Blue Key  
Freshman Class  
Sophomore Class  
Junior Class  
Senior Class  
A. S. C. E.  
A. I. E. E.  
A. S. M. E.

## Independents

Ira Remsen Society  
Kappa Alpha Fraternity  
Kappa Sigma Fraternity  
Lambda Chi Alpha Fraternity  
A. I. M. M. E.  
Miner Board  
Officer's Club  
Orton Society  
Phi Kappa Phi  
Pi Kappa Alpha Fraternity  
Radio Club  
Rifle Squad  
Rollamo Board  
Sigma Nu Fraternity  
Sigma Pi Fraternity  
St. Pat's Board  
Tau Beta Pi  
Theta Kappa Phi Fraternity  
Theta Tau  
Triangle Fraternity

Section 4. These men shall be selected on points received before Monday of the third week in April.

Section 5. The new members shall take office at the first regular meeting of the Council in May.

Section 6. In the occurrence of a vacancy, it shall be filled by that student from the proper class which ranked next highest in number of votes received.

Section 7. If any member shall miss three officially called meetings without excuse presented to the Secretary - Treasurer before the meeting time, he shall be dropped from the Council and the vacancy filled according to Section 6.

## ARTICLE III—Membership (Plan C Revised)

Section 1. One man from each recognized social club or fraternity, and an equal number of men from the independents.

Section 2. These men shall be elected by their respective organizations by that organization's own method, recognizing that the best man should be elected, not on his political worth, but on his worth as a man.

Section 3. One alternate shall be elected for each member by the organization he represents. Alternates shall be governed by the same regulations as are specified for the election and installation of members, Sections 5 to 8 inclusive.

Section 4. Members shall take office at the last regular Council meeting in April for the ensuing year.

Section 5. Any organization may replace its representatives on the Council after one month's notice has been given.

Section 6. Any member deemed unfit by the Council to hold a seat in its meetings may be impeached by a regular Council vote.

Section 7. Any social organization that shall arise, analogous to those already represented, shall be represented in the same manner upon passing a three-fourths majority vote of the Council.

## ARTICLE IV—Duties

Section 1. It shall be the duty of this Council to protect the customs and traditions of the school and to foster and promote such institutions as may intensify school spirit and bring honor to the school.

Section 2. It shall be the duty of this Council to act as a regulatory body in all matters which pertain to the student body as a whole and to perform such functions as may be deemed necessary to bring about regulation.

Section 3. It shall be the duty of this Council to investigate the questionable conduct of any student, or group of students, either on or off the campus in matters pertaining to or directly connected with the Missouri School of Mines.

This Council may either initiate investigations, or investigate any

matter referred to it by the faculty or any three members of the student body.

The results of any investigation which would seem to warrant disciplinary measures outside of the scope of this Council, such as probation, suspension or expulsion, shall be referred to the faculty with any recommendation or decision made by the Council.

Section 4. It shall be the duty of this Council, before deciding on any question affecting the policy of the Missouri School of Mines, to call a student mass meeting to be conducted as outlined in Roberts' Rules of Order with the President of the Student Council presiding.

The plan shall be presented to the student body at this meeting for open discussion and a standing vote taken, after which, the student council will be free to act on the question as provided for in Article V, Sec. 4.

Section 5. It shall be the duty of this Council to organize and conduct a mass meeting of the student body at least twice a month during the school year for the purpose of bringing before the student body topics of general interest.

Section 6. It shall be the duty of this Council to appoint members to the General Lectures Committee, Board of Trustees for Student Publications, St. Pat's Board of Control, or other committees as may be provided for in the rules and regulations of said organizations.

## ARTICLE V—Organization

Section 1. The officers of this Council shall consist of a President, Vice-President and Secretary-Treasurer to be elected by a simple majority of the Council membership.

The duties of these officers shall be as follows:

The president shall act as chairman at all meetings; he shall be responsible for the carrying out of all rulings of the Council; he shall appoint such committees as are necessary to do the work of the Council; he shall represent the student body in all matters which lend themselves to individual representation.

The vice-president shall perform the duties of the president on event of his absence or upon his direction; the vice-president shall be an ex-officio member of all committees appointed by the president; he shall be responsible for such duties as the president may assign to him.

The secretary-treasurer shall act as recorder of the minutes at all meetings of the council; he shall have charge of the funds of the Council and keep a record thereof.

Section 2. The officers shall be elected by the new Council at its first meeting after taking office, the president of the retiring Council presiding.

Section 3. A quorum for transaction of business shall consist of a two-thirds majority of the members of the Council.

Section 4. In all voting, other than in special cases, a simple majority vote of all members of the Council shall carry.

## ARTICLE VI—Meetings

Section 1. This council shall hold regular meetings once a month during the college year on a date to be set by the Council.

Section 2. Special meetings may be called by the president or upon the request of two or more members of the Council.

Section 3. (To be omitted if Plan B is adopted).

Alternates may attend all meetings of the Council but will have no vote unless serving in the place of an absent member, but may have power of debate.

## ARTICLE VII—Amendments

Section 1. Amendments may be made to this constitution by either of the two following methods:

First. Amendments must be presented to the Council and approved by a two-thirds majority. The text of said amendment must then be advertised in the Missouri Miner and on the School Bulletin Boards for at least one week. A ballot election must then be held with two-thirds majority of those students voting constituting an approval.

Second. If an amendment is not approved by the council, upon petition of fifty students it must be advertised in the Missouri Miner and on the School Bulletin Boards for at least one week. A ballot election must then be held with approval by a simple majority of the registered student body carrying.

## ARTICLE VIII—By-Laws

Section 1. This Council may adopt such by-laws as may be necessary to carry out the duties of the Council as stated in Article IV.

Section 2. By-laws must be passed by a two-thirds majority of the Council.

## ARTICLE IX—Ratification

Section 1. This constitution shall become operative upon approval of the student body at a special election with a majority of those voting constituting approval.

(Note) Final discussion of this constitution will be on Friday, April 30. A ballot election will be held Wednesday, May 5, from 8 a. m. to 5 p. m. to select the final plan of membership and to accept the constitution.

## Eyes Over The Campus

**PHILLIPS FINLAY**  
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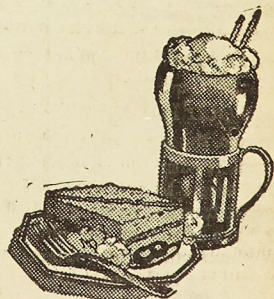
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### THROUGH THE TRANSIT

By Carr



Until five p. m. today the ballot box in the office will be open for votes to be cast for or against the adopting of the constitution establishing a Student Council, and also for deciding a plan for membership to the Council if such is established. It is not only the privilege, but also the duty of every student to vote, whether for or against.

This column strongly recommends that the constitution be adopted. There has lately arisen an organized

group which is attempting to sidetrack the Student Council plan by taking the defeatist attitude that a Council is unworkable on this campus. This group denies the competency of the School of Mines students to organize an efficient Council. In spite of the fact that other campuses have them, they state that things cannot be changed here. Such a defeatist attitude has held this school back for several years. Nothing

can be gained by continuing it. A Student Council admittedly can work no miracles in a year, but its value now lies in the fact that it would be a start. If it fails, nothing is lost; but if it succeeds and gradually in a space of years becomes more and more efficient, it holds in view something infinitely better than now exists.

In regard to the most controversial article in the constitution, the plan for membership to the Council, this column is ready to face the embarrassment of doing an about face. Last week we were quick to disregard Plan C, which allows equal representation on the Council for each organized group. In a direct turn around, however, this week, after seeing Plan A thrown out, and many loopholes found in the idealistic Plan B, we are ready to endorse Plan C as the most practical one. It is the only plan which would insure representation of every student on the Council.

One of the fraternities purchased Mother's Day cards, had the fraternity name printed on them, and is sending them to the mothers of every member of the chapter. (A good idea!) Greeting cards at "Mrs. McCaw's Shop on Pine Street.

Nevertheless, whether it be for Plan B or C, for the constitution as a whole or against it, it is the duty of every student to vote. DON'T FORGET TO CAST YOUR BALLOT.

### AT THE START

By Edgar A Guest

When you're finished reading books by the sages and the fools,  
When you've left the mental mazes of the colleges and schools,  
One old-fashioned custom lingers which the world will never drop.

You must start at the bottom if you hope to reach the top.

You may know your economics and philosophies and such,  
But the knowledge that you've gathered really won't amount to much

Unless you have the courage for the factory or the shop  
And can start to climb the ladder from the bottom to the top.

There are some old-fashioned notions which will never pass away.  
Under any sort of system boys must work from day to day  
And their value will be reckoned as they labor on or stop,  
But they'll never think of starting a beginner at the top.

They may change existing methods, but there'll never come a time

When the path to high position won't be difficult to climb.  
From the ladder of achievement not a single rung they'll chop.  
If you scorn the bottom places you will never see the top.

Prof. Underwood called this to the attention of the Miner Board and we pass it on to you—Senior.

### Gleanings From Our Exchanges

In presenting a new system of grading, Professor John Madigan of the College of St. Thomas put his opinion of many of the papers, either good or bad, into a "Smellable" form. After grading the papers by the usual method, he decided they were so putrid that he would give each grade its significant smell. The "E" and "S" papers were sprayed with "Paris Night", and "Eau de Cologne" which reminded the student of a heartbeat at home. The "M" and "I" papers turned heads with their aroma of well rotten eggs; hydrogen sulfide. Those unfortunate enough to receive an "F" were greeted with the staggering sniff of rancid butter; butyric acid.

Following criticism that the college was not allowing enough individual enterprise, Princeton University gave all upperclassmen a week in which to do independent study. The results have not yet become known but in this writer's opinion it would be just another week to be taken up with a "rip-roarin'" good time.

According to one scholarly gentleman and student of Colorado University the reason for the variance in length of days in summer and winter are: In summer the days expand and become longer; in winter the cold contracts the days thus making them shorter. (I wonder what about the nights?)

While April Fools Day has long gone, it has not yet been forgotten at Central College.

About fifty freshmen girls from the dormitory staged a walkout immediately following the evening meal on April Fools Day. The girls "crashed" the local theater and partly enjoyed the film until they were induced to leave by a threat to call college authorities. The aggregation next swamped the telephone office with calls to the men's dormitory for "hurry-up dates". The most of them returned at ten o'clock, a later hour than is legally allowed, to the dormitory.

I sneezed a sneeze into the air,  
It fell to earth, I knew not where,  
But hard and cold were the looks  
Of those  
In whose vicinity it was I snoze—  
Wesley Pilot.

"THE GLEANER"

*—dance with us—*  
*—sing with us—*

**Ye Sign of**  
**More Pleasure for more people**  
**every day**

**Chesterfield**

...the cigarette with refreshing MILDNESS  
and more pleasing TASTE and AROMA  
invites you to hear this popular program.

ALL COLUMBIA STATIONS EVERY FRIDAY EVENING AT 6<sup>30</sup> C. S. T.