



14 Apr 1937

The Missouri Miner, April 14, 1937

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C. R.

APR 14 1937

THE MISSOURI MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME XXIII

ROLLA, MO., WEDNESDAY, APRIL 14, 1937

NUMBER 27

General Lecture Presents Dr. Phillips Thomas

Westinghouse Engineer's Career Most Interesting

Thursday evening at 8 o'clock, the General Lecture Program will present Dr. Phillips Thomas of Westinghouse Electric Company who will give a demonstration and lecture in Parker Hall.

Dr. Thomas has had a varied and interesting career which makes him a most interesting lecturer. He received his high school education at Columbus, Ohio. In 1904 he graduated with a Bachelor of Science degree, from Ohio State University. He was immediately employed by the Western Electric Co., spending two years on the Test Floor there. After leaving Western Electric Co., Dr. Thomas spent five years at Princeton University where he received his Doctor of Philosophy in 1911.

Since 1912 he has been with the Westinghouse Electric and Manufacturing Co. From 1913 to 1918 he was engaged in the design of electrostatic condensers for power purposes and other engineering developments. Following this work he went to the Research Laboratories where he has been occupied with numerous radio developments and allied problems. He invented the ultra-audible microphone and the glow-discharge micro-

Continued to page four

Petroleum Engineers To Start Trip April 18

Rodessa Field Inspection Main Object of Trip

Dr. E. A. Stephenson's class in Natural Gas Engineering will leave Rolla on April 18 for the Rodessa Oil Field in northern Louisiana. Prof. Miles will also accompany Dr. Stephenson and the group of twelve students. Rodessa Field is the most important discovery on the mid-continent since the discovery of oil in eastern Texas. The field is comprised of approximately 400 wells and is largely controlled by the United Gas Company and the Magnolia Oil Company.

The trip will consist of the testing of some high pressure gas wells in order to determine how much gas is delivered against various line pressures. Oil wells will also be tested for bottom hole temperature and pressure at various rates of flow. The party will observe the various methods used in the production of oil in the field and will visit a gasoline plant delivering 50,000,000 cubic feet of gasoline per day.

A new compressor station at Myrtis, Louisiana will be visited which will give the students an opportunity to obtain records of fuel consumption, oil consumption, and general operating costs of such a station. Indicator diagrams will be taken on both compressor and engine cylinders. Permission has been granted to visit a well being drilled by Mr. R. W. Norton to a projected depth of 12,000 feet. This will be the deepest well in Louisiana.

Spring Concert Of R.O.T.C. Band Is A Success

Concert Repeated at Lebanon Thursday

That our R. O. T. C. Band does fine work out on the drill ground, everyone acknowledges. Without the presence of its noble, stirring strains a military review could be naught but an uneventful spectacle at best, no matter how well the performance, no matter with what supreme precision the movements are executed. The band supplies color, dash, and vigor; it speaks the spirit of the men in accents proud and bold; it is the great unifier.

But the parade ground is not the true medium for the expression of the capability of a band. At concert only, where a backdrop gives strengthening reflection and an audience, appreciation, does the conductor lead his charges through the enchanting pages of a classic, the picturesque moving theme of a folk song, or the fresh, merry, light-heartedness of comic opera and novelty. At concert only can the band conjure its inherent tonal images of exquisite beauty-dramas of the past and ideals of the future, the aspirations and longings of the myriad peoples of the earth.

This transition, from the drilling field to the recital stage, did the Missouri School of Mines R. O. T. C. band attempt to undertake Wednesday evening, April 7, in Parker Hall as one of the regularly scheduled events on the General Lecture Program. And under the modest but capable direction of John W. Scott, the musical director, again, as in other years, the metamorphosis proved a complete success. The program, which alternated band with feature numbers, was performed most creditably, and the audience's recognition was such as to amply repay all for the many hours of practice which the musicale en-

Continued on page six.

MR. FRED WICKHAM, RADIO ENGINEER, EN- GINEER, SPEAKS BEFORE A. I. E. E. — RADIO CLUB.

At a joint meeting of the A. I. E. E. and the Radio Club, last Wednesday in Norwood Hall, Mr. Fred Wickham, Radio Engineer of the Missouri State Highway Patrol, explained the functions and operation of the Missouri State Highway Patrol radio system.

Mr. Wickham gave a brief description of the equipment used by the system. He also announced that the construction of six new transmitting stations is contemplated. He announced that the telephone and telegraph tolls of the Patrol for the last two years have amounted to approximately \$20,000.

The meeting was adjourned after the serving of refreshments.

—M.S.M.—

Laugh and the world laughs with you; cry and the world laughs at you.

BLUE KEY MEETS

The Blue Key Fraternity held a meeting on Tuesday, April 6. It was planned to hold elections for the next year at their next meeting, to be held, April 13. The results of the election will be announced in the next issue of the Miner.

Following their usual policy of 'service to the campus' the Blue Key passed the following resolution, "Be it resolved that the members of the Blue Key Fraternity will keep off the grass on the campus, and will encourage other students to do the same." It is hoped by the Blue Key that other organizations of the campus will follow their example.

—M.S.M.—

Devaney Explains Bureau of Mines Work

Rolla Station Handles Ore Dressing and Testing

Fred Devaney, associate metallurgist of the Rolla Station, of the Bureau of Mines, described the work of the Bureau of Mines as referred to the national organization, to a good gathering of student and faculty members of the A. I. M. M. E. last Thursday night.

"Rolla is only a small part of the Bureau, though a very important part of the Bureau," opened Mr. Devaney.

Following his opening remark, Mr. Devaney, explained the history and origin of the Bureau. Because of the many serious and continuous disasters in the mining world previous to 1910, the government founded the Bureau to promote safety and health in the Mining Industry. The Safety Division of the Bureau of Mines is still one of the largest units in the organization.

With the first step toward a possible federalized Bureau so successful plans were made to expand toward

Continued on page six.

Junior and Senior Miners To Make Trip

JUNIOR AND SENIOR MINERS WILL LEAVE FRIDAY, APRIL 16

Junior and Senior Miners will leave Friday, April 16, for an inspection tour of the mines in the Joplin, Missouri, district. This trip is becoming an annual affair in the Mining Curricula, and is proving to be very instructive.

The students will spend a regular 'shift run' in and about the mine following the ore through its course from mine to mill. Through the co-operation of the mine operators ample information will accompany the actual picture of all operations. Everything points to a very beneficial trip—seeing the 'actual thing' will familiarize the Seniors with that which they are about to become a part of, while the Juniors will better understand the information given them in their more advanced courses.

—M.S.M.—

If any man seeks for greatness, let him forget greatness and ask for truth, and he will find both.

—Louis Allis Messenger

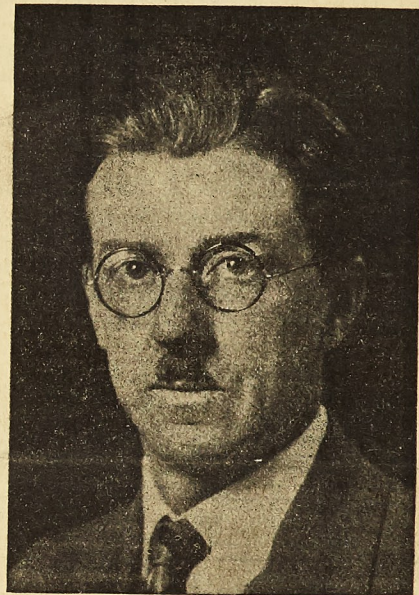
Dr. H. H. Armsby Elected President State S. P. E. E.

OVER FORTY PROFS ATTEND STATE MEETING HERE

Dr. H. H. Armsby was elected president of the S. P. E. E. (Society for the Promotion of Engineering Education) to succeed Dean F. Ellis Johnson, of the University of Missouri, at the organizations sixth annual meeting held in Rolla Friday and Saturday.

Professors from the three major schools in the state, Missouri University, Washington University, and the Missouri School of Mines, were present at the meeting.

Other officers chosen were F. W. Bubb from Washington



University as vice-president to succeed Dr. T. R. Ball, also of Washington University; and R. B. Voile of the University of Missouri to succeed Prof. I. H. Lovett as secretary.

The meeting began Friday morning after registration was made, with an informal dinner at the Pennant Tavern. The program for the evening consisted of a welcoming speech by Dr. Fulton and addresses by Dean A. S. Langsdorf, of Washington University, Dr. R. B. Vaile, University of Missouri, and Dr. I. A. Stephenson of Rolla. The remainder of the time was given up to departmental conferences in which Profs from the three schools in the same departments held group conferences.

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TRIANGLE INSTALL NEW- LY ELECTED OFFICERS

The M. S. M. chapter of Triangle installed its newly elected officers at 6:30 o'clock Saturday evening. The installation was followed by a banquet. Paul B. Prough acted as toastmaster and speeches were given by Prof. C. R. Forbes, Prof. E. W. Carlton, Richard Reese, Richard Prough, "Toby" Prevaillet, Prof. D. F. Walsh, and Oscar Fager.

The officers who were inducted into office were as follows:

R. G. Prough, president
R. R. Hynes, vice-president
E. L. Claridge, corresponding secretary
J. R. Glatthaar, treasurer
H. G. Kamper, steward
R. S. Stewart, recording secretary
E. H. Johnson, librarian.

—M.S.M.—

The first thing we're going to do resurrection morning is to read our tombstone and have a good laugh. Helena, (Mont.) Independent.

—M.S.M.—

Remember when you talk you only repeat what you already know; but if you listen you may learn something.

Bill Turner To Head St. Pat's Board

NEW BOARD PURCHASES PIANO

Election for the St. Pat's Board for the coming year was held March 24, in which B. V. Turner was elected president of the Board. M. F. Nickle was elected vice-president; R. C. Tittel, treasurer; J. C. Moore, secretary; R. A. Beckmann, chairman of the Finance Committee; W. P. Rummel, chairman of the Dance Committee; H. R. Rogers, chairman of the Advertising Committee; J. G. Miller, chairman of the Decoration Committee.

The first meeting of the new Board was held March 31, in which the new members of the board were introduced and appointments made. The new members are J. R. Post, Independent; W. F. Oberbeck, Pi K. A.; C. L. Baumann, Alpha Lambda Tau; J. P. Soult, Sigma Pi; H. F. Crecelius, Kappa Sigma; E. H. Johnson, Tri-

Continued on page four

THE MISSOURI MINER



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FACULTY ADVISER DR. J. W. BARLEY

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DINNER PAIL VS THIRD READER

"I won't be able to tell my boy to plow my fields"; "The kids will be running the home instead of the parents doing it." These are the reasons given by many for their opposition to the CHILD LABOR AMENDMENT. Are these the conditions the Child Laborites have been fighting for all these years? Surely the better informed citizen sees this question in the light that it is meant. A glance at the child labor in the textile plants of New England, in factories in most of our cities, or in the agricultural regions where hand labor is necessary, will surely convince one that the question is not concerned with such menial chores as carrying out ashes, etc.

The Missouri State Legislature has, for the third time, defeated legislation regarding CHILD LABOR. Their main opposition is only with the effect such legislation will have with the relationship existing between 'father and son'. Are we to believe that an amendment to the United States Constitution is proposed to protect the son from obeying parental commands in regard to chores that are a part of every child's life? Surely men of legislative calibre are not as narrow-minded as that—or are they?

HELP WANTED—CHILDREN. APPLY INSIDE VS. SCHOOL DISTRICT NO. 27. Let's take the dinner pail out of the child's hand and replace it with school books. We claim the highest type of civilization ever known to man. Let's act our age.

M.S.M.

ARE YOU A MEMBER?

Are you a member of your respective curricula organization? Have you given any thought to just what the aims of these organizations are?

Every curricula on the campus has a representative organization active at the present time. Weekly or bi-weekly they hold meetings, presenting lectures by men, active and capable in their field. Here is offered an opportunity to acquaint oneself with the actual problems of the industry he hopes to soon be a part of. Most of us are in a haze as to just what the duties of graduates of our status are on the actual job. We have only one good way of finding out—JOIN YOUR CURRICULA ORGANIZATION.

M.S.M.

GRASS AGAIN

Have you noticed the path in front of the Chemistry Building lately? It seems to be narrowing down. The walks are not over-crowded as yet, so I guess there has been plenty of room there all the time.

Blue Key took a step forward at their last meeting that may well be followed by all Fraternities, Independents, Faculty and all campus organizations. How about putting this in the minutes

of your next meeting? "BE IT RESOLVED: WE THE MEMBERS OF (ORGANIZATION NAME) KEEPING TO THE WALKS ON THE CAMPUS, AND WILL ENCOURAGE SUCH PRACTICE AT ALL TIMES."

M. S. M.

The economic system by which human energy is led into the proper channels for the general well-being of a nation is cruel and relentless, but necessary.

M.S.M.

A scientist, after discovering that cheerful people resist disease better than glum ones: "The surly bird catches the germ."

WHAT'S NEW IN SCIENCE

By E. L. CLARIDGE

"Regimentation" and "Judgment"

Last week we here discussed a system of elimination and separation of students into vocational groups as they progressed from elementary schools through high schools and into colleges. We dealt briefly with the possibility of such planned division of girls and boys according to mentality and ability, and promised to take up the criticism which will immediately be directed against such a system, namely, that it will be obnoxious regimentation.

The reply to such an accusation is first, that this system will instead eliminate much of the present regimentation and, second, that at present too much is left to the immature judgment of the high school student. These two statements seem contradictory at first, but on examination their compatibility is demonstrated.

At present, our educational system is like a vast machine; the raw material is fed into it, all is given the same treatment in an unvarying length of time, and they all come out with a stamp of approval on them, i.e., a diploma. There is little or no provision for those who learn slowly or rapidly, nor for the various interests and capabilities of the individuals. When they come out of the machine, if they are different it is not because of the machine but is a result of their home life and outside interests. If this is not regimentation of the kind at which rugged individualists hold up their hands in holy horror, let them prove it.

Compare this with a system in which there is a branching of paths at an early age, with provisions for all grades of mentality and varied interests and activities. The brilliant student should no longer be forced into disinterest and laziness by being obliged to progress at what is to him a snail's pace, and what to the poor student is more than he can master in the given time, so that he loses knowledge which at a later age may become vitally necessary. And then there are those who care little or nothing for the courses required of them in school, who therefore spend much of their outside time on those things which they do like to do, and who therefore make poor grades in those onerous courses and are considered inferior on that account. The tragedy of those wasted years is equally strong for all three of the classes of students mentioned above. The contrast shows only too plainly what needs to be done.

It will be protested that in the elementary schools such division is impossible. We concede that this is true. The things which are or should be taught in the elementary schools are those things which form the foundation of all knowledge, and which all people of all vocations and interests must know. It will be further pointed out that in high schools there is some choice of courses, and that this allows the student to take the first step in the direction in which he or she wants to go. True but the provision is woefully inadequate. Especially in the small towns it is impossible to offer an extensive variety, and choosing between them becomes for some a choice between the frying pan and the fire.

And some of them do not know how best to choose, even in the large

city high schools, where there is a reasonable amount of choice. This brings us to our second point, proper guidance and control over the educational course charted for each individual. Nothing helps success like a plan. How much better it would be if each student were properly tested through trials and examinations to determine more clearly those vague but basic interests and capabilities which will determine his future, and then, having found the right path and proper intellectual level to send him forward on it. At present, the basis for choice of a life work seems to be more or less like this: A boy has an uncle who works in a steel mill, and can get him a job there. He takes it, and becomes a steel worker for life. Or, his father runs a grocery store, he is perforce expected to help in it in his spare time, and when he grows old enough, he takes it over. Or, his parents conclude from trivial indications and their own desires that he would make a good doctor, so they proceed to make one of him. Some times, it is even left mostly to the student to decide, and then he usually makes still a sordid mess of it than his parents or relatives. No, the most logical plan is for a group of competent examiners—educators, psychologists, or what you will—to make as accurate as possible a study of the proclivities and intellectual stratum of each student during the late elementary and high school years, and to apply the results of such a study into practice. One caution is necessary: such a study must be intensely practical, embodying much experimenting by the individuals themselves in various fields; and the program must allow for a complete change if necessary in the planned path of each student,

that is, it must be flexible.

By the time he has completed high school, then, it should be fairly well determined what general field the student is best fitted for by nature, that is, whether he should enter business, or medicine, or law, or engineering—any of the myriad professions and vocations of life today. If he has been found lacking in intellectual interest in these higher fields of knowledge, he will already have been shunted to a trade school where he will learn farming, or plumbing, or other such occupation. If he has been found worthy and interested in a higher education, he will be sent to a specialized college of the general type suited for him. For most families it is now high time that the burden of his or her support be taken from their hands, and so during this last part of their education the government should provide their living expenses and maintain the school. This is justifiable, for the government, i.e. society in general, expects a return in increased value and earning power of the particular individual, else it should not send him to the school.

Next week we shall outline a definite, logical program for this college education, with the interest of all varieties of individuals in mind.

M.S.M.

ANXIOUS TO HAVE THEM BROUGHT OUT OF HIDING

Co-eds, always style conscious, may like to know that Eleanor Powell thinks Hollywood musicals are doing much in the way of shortening women's skirts.

"Having been a dancer since I was six," says the star of 'Broadway Melody of 1937', "I am acquainted with many dancing teachers. They state that six out of every ten women have taken up some form of dancing because of the influence of musicals and because it's a pleasant way to keep a trim figure. In doing this, they have made their legs more becoming and, therefore, are more anxious to take them out of hiding."

M.S.M.

Getting ready for a war to make the world safe for Christianity are Mussolini, Veterans scoffers at religion; Hitler, who's Nazis are going neopagan; General Franco, with a following of mercenary Moors; and the Japanese war lords, who worship a divine Mikado and whose ancestors exterminated all the Christians in the country about 400 years ago.

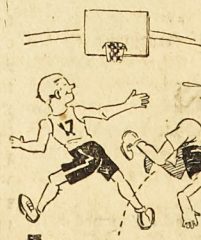
—Federated Press.

Eyes Over The Campus

BETTER LATE THAN NEVER!

WASHINGTON AND LEE UNIVERSITY AWARDED COL. WARREN WHITSIDE HIS BACHELOR OF SCIENCE DEGREE LAST JUNE, JUST 38 YEARS LATE! COL. WHITSIDE LEFT SCHOOL A MONTH BEFORE HIS GRADUATION TO TAKE PART IN THE SPANISH AMERICAN WAR.

HE REMAINED WITH THE REGULAR ARMY AND THE UNIVERSITY DID NOT LEARN OF THE PECULIAR CIRCUMSTANCES UNTIL LAST SPRING!



THE AVERAGE NUMBER OF FOULS IN A BASKETBALL GAME IS 22!

Copyright by Associated Collegiate Press—Madison, Wisconsin



NIGHT OWLS!

THE TEMPLE OWLS PLAYED NIGHT GAMES FOR 7 YEARS BEFORE DROPPING THEIR FIRST NIGHT CONTEST THIS YEAR!



THROUGH THE TRANSIT

By Carr

Just for a bit of variety we're reverting back to a dirt column this week; so beware ye transgressors lest a transit stool pig'on dig up shadowy doings.

Freshmen Call at Jail

Five freshmen paid their respects to the city jail Friday night, although it is not quite clear whether the visit was of a business nature or just a friendly get-together. Maybe the officer who acted as escort could throw some light on the matter.

The boys reported the lecture they received was little better than the ones usually heard in special lecture. They explained their only grievance was that they received no credit hours for listening to it.

It would never do to disclose the boys identity, because we promised C. E., J. R., B. R., E. W. and J. M.,

not to say a word about it. Oh well, boys will be boys.

Sit Down Strikes

Speaking of sit down strikes, Keith Miller did one after crossing the third hazard in the intramural low hurdles race Saturday.

In an exclusive interview after the race Miller was quoted as saying, "Wish I was in the next race." (Both men fell down in it.)

We Wonder

Were Pizarro living today he might be able to get a few tips on conquering South America from the boys west of the campus. (No offense).

Apologies, Etc.

The Transit is sincerely sorry if it has overlooked a deed worthy of this column. It will not happen again.

You Know Them Too

By Creclius

Our tale this week will deal with a gentleman who is even more versatile than others who have been introduced in this column. Meet C. G. Heslet.

Heslet's career was started at Ellis, Kansas but he has flown around the western part of the country quite generally. He attended Fort Hays Teachers College for three years before transferring in here in the fall of '35.

He is taking Civil Engineering and will graduate this year. Would like to get into some railroad's engineering corps but it looks as if he will enter some manufacturing company in the maintenance branch.

Heslet is a member of the Lambda Chi Alpha and Theta Tau fraternities. Shoots on, and manages the Rifle Team, does diving on Swimming Team and plays on the Golf Team. He is a member of the A. S. C. E. and has been in the Band the past year.

The occupations in which Heslet has been employed at one time or another are varied. He has been forced to work a year to go to school a year and has been following this procedure since he first started to school. He has worked as a locomotive fireman, an insurance salesman, and as a musician in a show company.

Most of you will recognize Heslet as the big jovial fellow who plays a sax in the Varsity Orchestra.

I think we have no fear for the future of this promising Civil, he has shown that he could take pretty good care of himself up to this point and he will no doubt go far with the experience he has obtained in the school of hard knocks. Good luck to you C. G.

M.S.M. THESE WOMEN

Society and college invaded motion pictures again today when Judith Ford signed a long-term screen contract with B. P. Schulberg, Paramount producer.

A Tampa, Florida, girl, Miss Ford attended Columbia University until last winter and gained considerable fame as a model for James Montgomery Flagg and for various clothing and cigarette concerns. She left the university following a whirlwind courtship (presumably with a fraternity pin and all the trimmings) and marriage to Charles Vandervoort Dresser, son of the widow of the late Col. H. H. Rogers, Standard

Gleanings From Our Exchanges

In order to conduct the student government as the students wish it to be conducted, the student senate at Purdue made the provision for a "gripe" box at some convenient place to collect the complaints.

By the "April Fool" edition of the S. W. Standard we notice one which is essentially as follows: "Students at Missouri's Teachers Colleges that fail to pass their minimum essentials test now have a special course offered them if they attend M. U. They are to be trained to be politicians by a representative of 'Big Tom.'" He states that anyone who cannot express exactly what they mean will always be members of our congress, so why not train them.

Man—The only animal which can be skinned more than once.

Polarization—Admiral Byrd's favorite sport.

For an example of intensive training, please refer to Hiram College, Ohio. The student specializes in one subject for nine weeks then takes another one for the next nine weeks. Most of the students like it because they only have to take one exam at a time.

Light Rays—Small increase in salary.

Volt—Cast a ballot.

Co-eds at Montana State College may take a course in learning to be handy-women around the house. With all sorts of mechanical devices in the modern kitchen, the potential wife should learn how to repair them. The college has obtained \$5000 worth of equipment from various manufacturers as a gift. The professor teaching this course says that the wife will know how to make different appliances, such as vacuum cleaner, waffle irons, washing machines and other devices, operate. While counting sheep is a confirmed way to go to sleep, counting the number of times a prof. says a certain word is a method of staying awake. Certain Law students at Ohio State University have started making bets on how many times the

Oil Millionaire.

She will make her debut immediately as the feminine lead in "The Ascending Dragon" with John Trent and Akim Tamiroff.

lecturer will say a certain word. The interest developed in this manner among some of the students makes it possible to stay awake during driest of lectures.

Millimeter—A bug like a centimeter except it has more legs.

Pulley—A boy who picks on smaller boys.

Cell—Exchange for money.

Listen with interest to stories about geniuses who exist on a few hours of sleep a night, but discount most of them.

Findings of Colgate University's Doctor Laird, in a survey of 500 men high in the fields of art, literature and science, show that the majority of these "greats" got plenty of sleep and if they didn't they suffered the same ill effects anyone else does.—N. W. Missourian.

Cone—A device for straightening the hair.

Sphere—A long pointed weapon.

Caterpillar—An upholstered worm.

Thirty-four male students at University of South Dakota are decidedly optimistic about securing wives who will support them. These students are taking a course in home management which includes etiquette, food selection, problems in family relationship, and food preparation.

Paradox—Two Ducks.

Rain—Rule of a king; line used in driving horses.

Molar Solution—Listerine.

A Buxom Blonde Coed at the University of Virginia rushed into the X-ray room of the medical school seeking treatment. The attendant asked her if she had ever been X-rayed before. "No handsome", was the sweet reply, "but I've been ultra-violated."

Skunk—Kitty with B. O.

Vacuum—Nothing shut up in a container.

Miniature golf has passed out of existence, but now there arises a different form of golf as the world progresses. The first Intercollegiate

"Kay, what'll we give 'em?"

"Music and Rhythm Hal, everybody loves it!"



ALL COLUMBIA STATIONS

Chesterfield

THE FIRST PRODUCT TO HOLD TWO NATIONAL RADIO AWARDS

Magnet—Larva of a fly, often found in decaying meat.

TRUTHFUL BOY



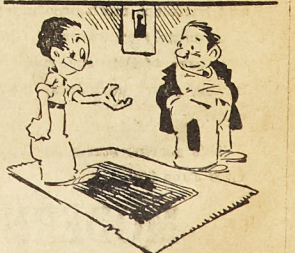
She—Would you love me any better if I had a million dollars?
He—Certainly not. I'd be thinking so much about the million I'd hardly think of you at all.

POORLY DIVIDED



"I want you to understand that I am a man of parts."
"I guess I married the wrong part."

IN MODERN TIMES



"My boy, I want you to learn to paddle your own canoe."
"Thanks, awfully, dad, I can get a nice canoe for \$125, with paddles included."

Conical—funny.
"THE GLEANER"

General Lecture Presents Dr. Phillippe Thomas

Continued from page one

phone used by KDKA and KYWM in 1923 and 1924, thus taking an important part in the perfection of radio broadcasting microphones. During recent years he has participated in the research and development of electronic and light sensitive devices of all kinds including many applications of what is popularly called "The Electric Eye."

Some of the features which Dr. Thomas will demonstrate and lecture upon are as follows:

Transmission line failure due to sleet deposit.

The new stroboscope.

Monochromatic lighting electrical production work.

Permanent magnet steel.

Research in fireproofing of transformers for network distribution use.

The vacuum tube automatic synchronizer, shown in actual use in paralleling of a small machine with the alternating current supply.

The breath relay and the Infra-Red Burglar Alarm.

The electrostatic air filter.

The card sorter.

The Ignitron as a light source.

The lecture will be semi-technical, so that everyone will be able to enjoy it.

—M.S.M.—

INDEPENDENTS HOLD ELECTION

The Independent organization of the Missouri School of Mines held its annual election Monday evening, April 5, in Parker Hall.

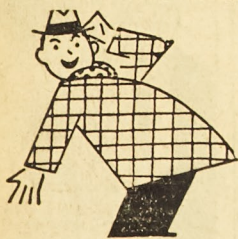
The following officers were elected: President, E. B. Lanier; Vice-President, J. H. Murphy; Secretary, H. L. Prange; Treasurer, Homer Stokes. Representatives from the Sophomore Class on the Board of Control are: W. R. Ellis and G. E. Machens. Freshmen Representatives are: W. C. Dickman and E. L. Olcott. J. R. Post was elected as Junior member on the St. Pat's Board.

—M.S.M.—

Human nature may change, but it won't change much during our lifetime.

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Are you interested in Moth Insurance? It costs you nothing and gives you protection against Moths for six months or until your suit or dress is cleaned again.

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This service starts April 12th and ends June 30th.

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DR. H. H. ARMSBY ELECTED PRESIDENT STATE S.P.E.E.

Continued from page one

During the discussion, the wives of the visiting profs were entertained at the Director's residence.

The general meeting was held at nine o'clock Saturday morning in the Physics Lecture Room in Norwood Hall. Prior to that, an hour was spent in inspecting the laboratories and the buildings on the campus. A free-for-all discussion opened the general meeting, which was attended by over forty instructors. More or less technical discussion occupied the time with helpful suggestions being made for teaching.

After a five minute recess formal discussion of the meeting began with Prof. R. W. Selvidge, University of Missouri, hitting one of the high spots of the day in addressing the assembly on "How To Properly Organize A Course." He emphasized the necessity for telling students definitely what they are expected to know when the course is over; an outline should be given them, he stated, not of what the teacher expects to talk about, but of what the student should learn. Prof. Selvidge stressed the fact that a large percentage of the students who fail do so because they study the relatively unimportant things and miss the important ones.

The second formal talk of the morning was given by Prof. D. J. Peery on the topic, "The Best Use of Calculations Periods." Prof. Peery presented a discourse on the somewhat unique methods used at Rolla of teaching Calculations. He explained that students here are given problems to design whole structures and not just theoretical parts.

The concluding talk of the morning, "Planning a Laboratory Experiment," was delivered by Dr. L. E. Stout, Washington University. His discussion dwelled mostly upon the proper and amount of equipment needed in a laboratory.

The S. P. E. E. adjourned after a one o'clock banquet at the Hotel Edwin Long.

—M.S.M.—

BILL TURNER TO HEAD ST. PAT'S BOARD

Continued from page one

angle; R. A. Schaller, Theta Kappa Phi; Brown, Lambda Chi Alpha; C. C. Ward, Sigma Nu.

At the last meeting of the St. Pat's Board there was a discussion with reference to a dance which might be given before the completion of this semester, but due to the fact that a great number of the seniors will be away on their senior trips, this plan was not thought feasible.

The St. Pat's Board has purchased a new Baldwin made piano which will be kept in the Gym. and used for numerous dances next year. The Missouri Miner takes this opportunity to wish the St. Pat's Board a happy and prosperous year—Here's looking to a bigger and better St. Pat's.

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Mr. Wiedemann, Gives Lecture on Dust Hazards

ALPHA CHI SIGMA AND IRA REMSEN

At the joint meeting of Alpha Chi Sigma and Ira Remsen last Wednesday night, Mr. Wiedemann, a prominent Consulting Chemical Engineer of St. Louis, gave a very interesting lecture on the subject, "Industrial Dust Hazards." Mr. Wiedemann has made an extensive study of the effect of various types of dusts on the lungs of the worker. He found that large particles do not gain entrance to the lungs but rather those of a size less than ten microns in diameter. South Africa, Australia, and the United States are the only countries which are trying to remedy these dust hazards. According to his studies it would take a worker 7 years to contact a fatal case of "Silicosis" in an atmosphere which contained as much as 3 million silica particles, of this small size, per cubic foot. A special machine is used to collect and count these particles. It consists of an electric motor, an air pump and a glass cylinder with some distilled water in it. The air is taken from the proximity of the workers face and sucked through the water (or other non-solvent) and the dust particles are left in the liquid. The sample is then thoroughly mixed with one liter of water and a sample is taken on a glass slide surrounded by walls one millimeter in height. The particles are counted in one portion of the sample then multiplied by the number to find the number of particles in 1 cubic foot of air. Evidence thus secured is invaluable in court in the event of a "Silicosis" suit.

Mr. Wiedemann had his equipment with him, so it was demonstrated by taking a sample of air from the room. By rough approximation he found there were 8 million particles per cubic foot in the room, however there were very few silica particles which are the ones which do the damage. Different types of particles are identified by selecting a background with the same refractive index as the material to be tested for. If the particles become invisible this is proof of their identity.

Mr. Wiedemann then graciously answered several questions which the audience had.

The Alpha Chi Sigma and Ira Remsen wish to express their gratitude to Mr. Wiedemann for the latest of his annual visits.

—M.S.M.—

JUNIOR AND SENIOR MET TRIP

This Friday and Saturday, April 16-17, the Junior and Senior Metallurgist are going to take a trip to inspect several of the metallurgical plants in and near St. Louis. The schedule calls for a visit at the Federal Lead Plant of the American Smelting and Refining Company at East Alton, Illinois, and at the Grandby Zinc Plant of the American Zinc Company on Friday. Saturday, tours will be made of the Granite City Steel Company and another plant not yet selected. The metallurgy students will be accompanied by Professors Clayton, Hanley, and Walsh.

—M.S.M.—
DONKEY

A speaker before a woman's organization, talking on Persia, mentioned how careless the men are with their wives. He stated it is not uncommon to see a woman and a donkey hitched together. One of the ladies piped up with, "That's not so unusual—you often see it over here."

From "The Whiting Limited."

—M.S.M.—

The dissatisfied people are those who are seeking happiness only for themselves.

OUTLINE OF "YOURSELF"

The most important factor in life is YOURSELF. All progress and advancement must come through Yourself. The following outline of "Yourself" is nearly complete. An interesting essay could be written on every one of these commands.

- 1—Understand yourself
- 2—Watch yourself
- 3—Control yourself
- 4—Develop yourself
- 5—Reform yourself
- 6—Promote yourself
- 7—Be yourself
- 8—Satisfy yourself
- 9—Believe in yourself
- 10—Visualize yourself
- 11—Assure yourself
- 12—Invoice yourself
- 13—Protect yourself
- 14—Benefit yourself
- 15—Critique yourself
- 16—Date yourself
- 17—Decide yourself
- 18—Declare yourself
- 19—Defend yourself
- 20—Deny yourself
- 21—Encourage yourself
- 22—Enjoy yourself
- 23—Equip yourself
- 24—Prepare yourself
- 25—Esteem yourself
- 26—Examine yourself
- 27—Express yourself
- 28—Face yourself
- 29—Adjust yourself
- 30—Admonish yourself
- 31—Apply yourself
- 32—Appreciate yourself
- 33—Atone yourself
- 34—Avenge yourself
- 35—Reward yourself
- 36—Balance yourself
- 37—Punish yourself
- 38—Improve yourself
- 39—Expand yourself
- 40—Better yourself
- 41—Build yourself
- 42—Calm yourself
- 43—Inform yourself
- 44—Cheer yourself
- 45—Compel yourself
- 46—Congratulate yourself
- 47—Consult yourself
- 48—Entertain yourself
- 49—Entertain yourself
- 50—Be true to yourself
- 51—Educate yourself
- 52—Trust yourself
- 53—Forget yourself
- 54—Find yourself
- 55—Awaken yourself
- 56—Beautify yourself
- 57—Know yourself
- 58—Be sure of yourself
- 59—Free yourself
- 60—Help yourself
- 61—Respect yourself
- 62—Broaden yourself
- 63—Train yourself
- 64—Don't fool yourself
- 65—Save yourself
- 66—Wait on yourself
- 67—Purify yourself
- 68—Caution yourself
- 69—Amuse yourself
- 70—Enlighten yourself
- 71—Surprise yourself
- 72—Test yourself
- 73—Accommodate yourself
- 74—Admire yourself
- 75—Cure yourself
- 76—Diet yourself
- 77—Exert yourself
- 78—Explain yourself
- 79—Investigate yourself
- 80—Be sincere with yourself
- 81—Be strict with yourself

C. D. VIA

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Theta Tau Holds Spring Initiation and Dance, Saturday

Saturday, April 10, Theta Tau held its annual spring initiation. The new members who had been pledged for several weeks are Joan R. Post, William F. Oberbeck, Homer Stokes, Charles Y. Clayton, and Robt. L. Mann. The initiation was held in the Missouri School of Mines Club Room—the regular meeting place of the fraternity. Theta Tau is a professional fraternity primarily for the promotion of engineering ideals.

The Iota (or M. S. M.) chapter of Theta Tau after the initiation had their spring costume dance at the Pennant Tavern in honor of the new members. The music was furnished by Jimmy Miller's rhythm band and had an extremely pleasant effect upon the guests.

The orchestra members were dressed regular School of Mines fashion and presented their measures of rhythmic harmony in grand style. The dance well in hand by nearly seventy-five couples dressed in a variety of colorful and unique costumes.

Two Theta Tau alumni, Ollie Kamper and Dick Gilsdorf were guests, as were nine students from the University of Kansas, Lawrence, Kansas. Chaperones for the dance were Mr. and Mrs. David Perry, Mr. and Mrs. Sam Lloyd, and Mr. and Mrs. Rex Williams. The dance ended shortly after two o'clock.

- 82—Master yourself
- 83—Advance yourself
- 84—Blame yourself
- 85—Dignify yourself
- 86—Correct yourself
- 87—Discipline yourself
- 88—Guard yourself
- 89—Isolate yourself
- 90—Defy yourself
- 91—Analyze yourself
- 92—Dedicate yourself
- 93—Modernize yourself
- 94—Attract to yourself
- 95—Strengthen yourself
- 96—Don't abuse yourself
- 97—Inspect yourself
- 98—Provide for yourself
- 99—Impress yourself
- 100—Don't pity yourself.

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PROGRAM

ROLLAMO THEATRE

Wed. and Thur., April 14 & 15

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Friday April 16th

Will Rogers in

"DR. BULL"

Big Amateur Stage Show

Sat., April 17, Matinee & Night

Double Feature Program

No. 1—Hop Along Cassidy in

"HILLS OF OLD WYOMING"

No. 2—Hugh Herbert in

"THAT MAN'S HERE AGAIN"

Sun. and Mon., April 18 and 19

Martha Raye, Bob Burns, Bing

Crosby and Shirley Ross in

"WAIKIKI WEDDING"

Tuesday, April 20th

Ruby Keeler and Lee Dixon in

"READY, WILLING & ABLE"

Miners Trim Westminster in Track

Miners Lose Tennis Match, But Win Golf

Coach Grant's men showed their strength in the distance runs and garnered enough points to defeat Westminster 74-61. Norman Tucker, the coming Miner distance star, again showed his superiority by winning the two mile run to set a new meet record. Fort, Barrett, and Mitsch showed up well by winning their respective events.

Carl Mertens, Westminster, was the high point man of the meet with 161 points. He won the 100 yard dash, 220 yard dash, the shot put, and ran on the winning 880 yard relay team. Lange was the Miner high point man with a first in the high jump and the broad jump.

Disregarding the cold weather, the men broke eight of the meet records in the sixteen events. The outstanding performance was that of Norman Tucker who clipped 41 seconds off the two-mile meet record. In doing so, he also broke the school record for the event. Coach Grant should be pleased with the performance of his two half-milers, Ballman

and Barrett, who tied for first place and also clipped a second off Ballman's record of last year. Lange tied his record in the high jump and probably could have gone higher if he had wished. He was able to win without taking off his sweat-clothes.

The Miners lost the tennis matches by a score of 5-1. Harsell was the only Miner to win a match. McCutcheon put up a good battle but was finally defeated by Hartman, Westminster No. 1 man.

In golf the Miners were able to collect 7 1/2 points to Westminster's 4 1/2. Heslet and Clayton won their matches while Walley tied his man. Clayton, T. Cole, and Walley tied for low medal with scores of 83.

Summaries

100-yard Dash—Won by Mertens, Westminster; Bochanek, Miners, 2nd; Ladd, Miners, third. Time—10.3.

220-yard Dash—Won by Mertens, Westminster; Bochanek, Miners, 2nd; Tschannon, Westminster, third. Time—24.0.

440-yard Dash—Won by Lutz, Westminster; Tuckett, Miners, second; Coggeshill, Westminster, third. Time—54.4.

880-yard Run—Ballman and Barrett, Miners, tied for first; Hudson, Westminster, third. Time—8:10.3.

1 Mile Run—Won by Fort, Miners; Barrow, Westminster, second; Tittle, Miners, third. Time—4:52.0.

120-yard High Hurdles—Won by Mitsch, Miners; Thomas, Westminster, second; Sartor, Westminster, third. Time—16.3.

220-yard Low Hurdles—Won by Bishop, Miners; Martin, Westminster, second; Thomas, Westminster, third. Time—27.2.

880-yard Relay—Won by Westminster (Mertens, Tschannon, Sartor and Campbell). Time—1:35.9.

1 Mile Relay—Won by Miners (Tuckett, Nickel, Ballman, Bochanek). Time—3:27.8.

Two-Mile Run—Won by Tucker, Miners; Brown, Miners, second; Malone, Westminster, third. Time—10:19.5.

High Jump—Won by Lange, Miners; Newman, Westminster, second; Dryden, Miners, third. Height—5 feet 10 inches.

Broad Jump—Won by Lange, Miners; Foot, Westminster, second; Dryden, Miners, third. Distance—20 feet 1 inch.

Sigma Nu's Capture Intramural Track

Senior Independents

Take Second Place

The Sigma Nu's swept the track meet leaving all others far in their wake. They scored more than twice as many points as their nearest competitor, thus showing that the Sigma Nu's are not only wrestlers and swimmers but also track men. The next were the Seniors with Theta Kappa Phi and the Sophomore Independents following close behind.

Many events were tied or broken by quite a margin. The 120-yard low hurdles, the pole vault, the shot put, and the javelin throw records were shoved up by a great margin. The 120-yard low hurdles record was broken twice in the first two heats by 1 of a second and in the 3rd heat it was lowered from 5:30 to 4:8 seconds. The pole vault was raised from 10 feet to 11 feet 3 inches. Taylor raised the shot put record on the first trial from 35' 6" to 36' 2 1/2" only to have that broken by Marrow who raised it to 37' 2 1/2". Then Taylor came back with a mighty heave of 37' 10" to take first. The javelin throw was raised 13 feet going from 152' 4" to 165' 5". The 50-yard dash and the 100 yard dash records were also broken.

The best individual performance of the day was brought forth by Taylor who broke one record and tied three more. He broke the shot put record and tied the 50-yard, 100-yard and high point record. Next in line was Littner with one record and three firsts. Then came Weber with firsts in the 220-yard dash and the 120-yard low hurdles, with a good assist in the 880-yard relay.

Many amusing and some not so amusing things happened in the events during the afternoon. In the fourth heat of the 120 yard low hurdles both of the two entrants never reached the tape as both fell. Cardetti, a sure winner in the 220-fell a few yards before the tape. Loveridge, a bit better off picked a spot just beyond the tape to fall. Tucker entered after the high jump had been going for some time and rushed for his shares. He finally emerged with a third and the bar a bit over his head.

Shot Put—Won by Mertens, Westminster; Wilson, Miners, second; Ladd, Miners, third. Distance—38 feet 8 1/2 inches.

Pole Vault—Won by Blish, Miners; Payne, Westminster, second. Height—10 feet 9 inches.

Javelin—Won by Machens, Miners; Sparks, Westminster, second; Foot, Westminster, third. Distance—172 feet 9 inches.

Discus—Won by Bedsworth, Westminster; Gray, Westminster, second; Strawman, Miners, third. Distance—111 feet 5 1/2 inches.

GOLF RESULTS

Hesles, Miners, defeated J. Cole, Westminster, 3 up for 18 holes. Clayton, Miners, defeated Blair, Westminster, 6 up for 18 holes.

Compton, Westminster, defeated Carroll, Miners, 3 up for 18 holes. Wally, Miners, and T. Cole, Westminster, tied for the 18 holes.

Clayton, Walley and T. Cole tied for low medal score, with 83 for the 18 holes.

TENNIS RESULTS

Hartman, Westminster, defeated McCutcheon, Miners, 6-3, 4-6, 6-2. Harsell, Miners, defeated Busse, Westminster, 6-4, 6-4.

Durham, Westminster, defeated Emery, Miners, 6-2, 6-1.

Morsinkhoff and Busse, Westminster, defeated Lieber and Dickman, Miners, 6-1, 6-2.

Hartman and Durham, Westminster, defeated Emery and Harsell, Miners, 6-1, 6-0.

Results

50-yard dash—(1st heat) — First Baumstark, (Sigma Nu); 2nd, Burnett, (Triangle); 3rd, Hieneck, (Kappa Sigma). Time—6.0.

Second Heat: — 1st Koziatek, (Theta Kappa Phi); 2nd Enos, (Pi Kappa Alpha); 3rd, Lober, (Freshmen). Time 6.0.

3rd Heat:—1st, Taylor, (Sigma Nu); 2nd Cardetti, (Theta Kappa Phi); 3rd Nelak, (Sigma Pi). Time—5.6. Ties record.

Finals:—1st, Taylor, (Sigma Nu); 2nd, Koziatek, (Theta Kappa Phi); 3rd, Baumstark, (Sigma Nu); 4th Cardetti, (Theta Kappa Phi). Time 6.6. Ties record.

60-yard High Hurdles:—1st Heat: Wilhite, (Sigma Nu); 2nd, Rogers, (Alpha Lambda Tau); 3rd, Baumer, (Alpha Lambda Tau). Time 10.5.

2nd Heat:—1st, Littner, (Seniors); 2nd, Murphy, (Juniors); 3rd, Troulner, Time 8.9.

3rd Heat:—1st, Frost, (Sigma Nu); 2nd, Weber, (Kappa Sigma). Time 9.2.

Finals:—1st, Littner, (Seniors); 2nd Murphy, (Juniors); 3rd, Frost, (Sigma Nu); 4th, Weber, (Kappa Sigma) Time 8.9.

220-Yard Dash:—1st, Weber, (Kappa Sigma); 2nd, Loveridge, (Sigma Nu); 3rd, Mooney, (Sophomores); 4th Jones, (Freshmen). Time—25.

440-Yard Relay:—1st, Sigma Nu, (Frost, Baumstark, Larsh, and Hoffman); 2nd, Triangle; 3rd, Pi Kappa Alpha; 4th, Theta Kappa Phi. Time 49.6.

120-Yard Low Hurdles:—1st, Weber, (Kappa Sigma) tied for 2nd Murphy, (Juniors), and Ladd, (Freshmen); 4th, Koziatek, (Theta Kappa Phi). Time 14.8 (New record).

100-Yard Dash:—1st, Taylor, (Sigma Nu); 2nd, Baumstark, (Sigma Nu); 3rd, Koziatek, (Theta Kappa Phi); 4th, Jones, (Freshmen). Time—10.5. (Ties record).

880-Yard Relay:—1st, Kappa Sigma, (Creclius, Schaumburg, Algaier, Weber); 2nd, Triangle; 3rd, Freshmen; 4th, Sigma Pi. Time 1:43.

Pole Vault:—1st, Littner, (Seniors) 2nd, Ellis, (Sigma Nu); 3rd, Gund, (Pi Kappa Alpha); 4th, Carpenter, (Juniors). Height 11 ft, 3 in. (New record).

Shot Put:—1st, Taylor, (Sigma Nu); 2nd, Marrow, (Sophomore); 3rd, Flanary, (Sigma Nu); 4th, Heslet, (Lambda Chi). Distance—37' 10" (New record.)

High Jump:—1st, Frost, (Sigma Nu); 2nd, Schifter, (Theta Kappa Phi); 3rd, Tucker, (Freshmen); 4th, O'Neil, (Freshmen). Height, 5' 5".

Discus Throw:—1st, Littner, (Senior); 2nd, Morrow, (Sophomores); 3rd Moore, (Pi Kappa Alpha); 4th, Gerwin, (Juniors). Distance—109 ft 7 in.

Broad Jump:—1st, Taylor, (Sigma Nu); 2nd, Murphy, (Juniors); 3rd Miller, (Sophomores); 4th, Kimmel, (Freshmen). Distance—19 ft 9 in.

Javelin Throw: — 1st, Marrow, (Sophomores); 2nd, Baumstark, (Sigma Nu); 3rd, Dickinson, (Pi Kappa Alpha); 4th, Ellis, (Sigma Nu). Dist. 165 ft 5 in. (New record).

High Point Man—Taylor, (Sigma Nu), 20 points; (Ties Record).

Point Score by Fraternity

Sigma Nu	49
Senior Independents	18
Kappa Sigma	16
Sophomore Independents	16
Theta Kappa Phi	8
Pi Kappa Alpha	8
Junior Independents	7.5

Lily Pons Returns To Kostelanetz Program April 14

Star Proves "There's Romance In a Chesterfield" By Refusing Other Series Offers

With the exception of two or three guest-star appearances, the voice of Lily Pons has not been heard over the air for nearly a year.

Making movies and doing concert trips between opera engagements, "That Girl from Paris" has had a busy year. No other singer has appeared who can remotely approach the tiny French star's beautiful coloratura and Miss Pons' popularity increases every day. Despite many other radio offers she has been content to wait until Nino Martin's current Chesterfield series was concluded, thus opening the way for a return to the air waves under the direction of Andre Kostelanetz. The combination of Miss Pons and the Kostelanetz orchestra has always been a favorite one with millions of radio listeners, and general opinion seems to be that the new series of broadcasts will prove to be something worth waiting for.

Wednesday night at 9 o'clock, New York Time, is a favorite musical period on all Columbia Stations and Liggett & Meyers Tobacco Company deserves a good round of applause for the high Chesterfield standard of entertainment week after week.

Freshmen Independents	7.5
Triangles	6
Lambda Chi	1
Sigma Pi	1
Alpha Lambda Tau	0

In The Judgment of Fuel Economy

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A. I. M. M. E.

Continued from page one

greater work for the Bureau. Thus the United States Bureau of Mines was charged to carry on inquiries into the general research of problems concerning Mining, Metallurgy, and the Mineral Industry, in addition to their work with the safety problems of the industry.

Four groups now handle the work of the Bureau, the Technological Division, Economic Division, Safety and Health Division, and the Administrative Division. These Divisions are subdivided into smaller divisions that are charged with more specific work within their own department. A few examples of these sub-divisions and the work they do are:

The educational division of the Administrative Division has on file 2,000,000 feet of film dealing with work in the industry. Over 60,000 showings of these films were made last year.

A branch of the Economic Division prepares statistical data for research and commercial interests.

This same division prepares the MINERAL YEAR BOOK with which most of the students are acquainted.

Experimental work in machinery used in the industry, ore testing and

dressing, testing of materials, and many other problems are handled most efficiently by the Bureau. It is indeed the base from which the Mineral Industry may hope to progress.

One of the recent releases from our own station has received wide attention throughout the country.

The work was done on subsieve-sizing. A short column elutriator was developed and it accomplished the work, and has been most successful. Dr. S. R. Cooke led the work on this project and has had a paper published by the Bureau of Mines describing the new apparatus.

Mr. DeVaneys described his own present project at the Bureau. He is working on a dressing problem involving the roasting of low grade Iron ores. Though the need for low grade ore is not so pressing now, Mr. DeVaneys work is carried on with an eye to the future.

From the many problems being worked on in our own station it is easy to see that the student on the campus does not appreciate just how big the Missouri Station of the United States Bureau of Mines really is.

—M.S.M.—

Recovery is the period when a big business is making so much money that it thinks the men for whom it has failed to find jobs should be thrown off relief—"Federated Press."

R. O. T. C. BAND

Continued from Page One

tailed.

The evening opened with that powerful, rousing chorus, "Stout Hearted Men," from "The New Moon," by Romberg. The vocal refrain was carried by R. P. Alger in solo, with the band furnishing the accompaniment and several voices for the chorus. The number was unusually well done; the sustaining of a pedal point particularly by Alger showed wonderful voice control.

An overture by the whole band, "Fountain of Youth" by King then followed.

The second feature of the program was a flute duet by E. W. Simpson and R. H. Smith. Their rendition of "Traum der Sennerin", by Labitzky, was an unusual episode, for the flute is a very weak-toned instrument. But special accompaniment arranged by Mr. Scott plus effective fluting by Simpson and Smith combined to produce music of melodic charm.

A suite characteristic, "Zephyr," from "Four Winds" by Trinkaus came next.

Sex means six, and a sextet is a selection song by six singers, but the sextet from "Lucka de Lammermoor" by Donizetti as played by three trumpets and three trombones,

attended by the remainder of the band, bettered a vocal rendition, for here was the soft, mellifluous quality that the brass, and brass alone, can produce.

A proper intermezzo, "Wedding of the Rose" by Jessel came at this point.

A special, enjoyable feature of the recital was the trumpet quartet consisting of F. C. Appleyard, R. S. Stewart, W. S. Harris, and R. P. Alger. "Annie Laurie" and the encore, "Sweet and Low", were done in an artistic manner. In addition the introduction of both numbers was perfect.

The crowning, for it was the most difficult, number in the concert was the overture, "Stradella," by Flotow, in which all the groups of the band did well. The symphonizing was such as to produce a truly unisart effect.

And now came the supreme novelty of the evening, the ocarina band established and directed by Mr. Scott. The ocarina, a clay instrument, is played like a piccolo and has a piccolo tone but with the added distinctive enchantment of the collipe so that "The Minstrel Band" by Gumble, and the encore, "Silver and Gold," the school song of M.S.M., evoked great applause from a delighted audience.

Although Mr. Scott has been as-

sociated with ocarinas for fifty years, to his knowledge there are but very few, if any such bands existent. The establishment of one necessitates a careful selection of instruments having the proper pitch. Mr. Scott's ocarina band has a compass of four and one-half octaves, enabling the carrying of all the various parts of a musical composition, namely, the first and second sopranos, the counterpoint, the harmony, and the bass. Alger, Appleyard, Harris, Simpson, R. L. Mann, L. D. Blish, Smith, and Mr. Scott comprised the band.

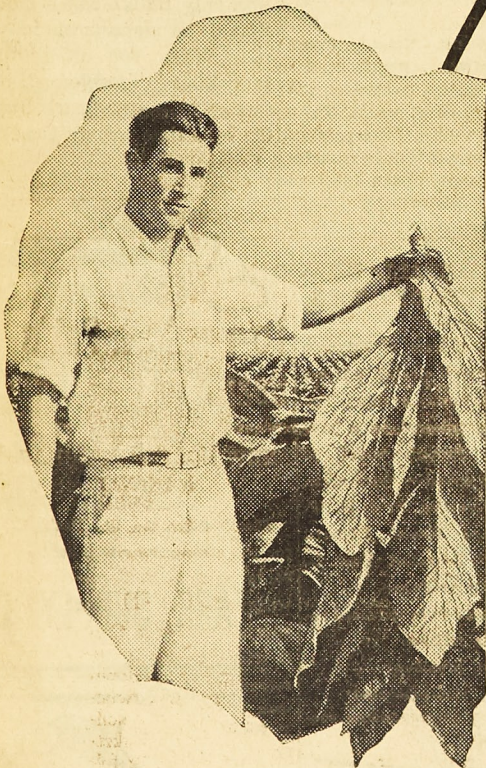
The concert was concluded with Farrar's March, "Bombasto."

The evening was truly one of enjoyment for music lovers. Their one criticism is that there are not more recitals given by the band.

Thursday night the triumph of the evening before was repeated at Lebanon Chamber of Commerce in the High School auditorium. Compliments from the townsfolk were many. Their appreciation of the concert was deep.

The trip was made possible by friends of the band, who out of their kindness, lent the necessary cars. The band wishes to express its thanks to R. L. Cunningham, Werner Culbertson, C. G. Heslet, Dr. C. E. Bardsley, Mr. John W. Scott, Capt. Hodge, and Major Gordon for furnishing the necessary transportation.

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from far and
near



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