

ENGINEERS HEAR TALK ON MANGANESE STEEL

Noted Lecturers Use Motion Pictures to Illustrate Modern Methods

Appearing as the second noted lecturers of the engineering lecture course Mr. J. H. Hall and Mr. C. B. Andrews, Metallurgical engineers for the Taylor-Watson Iron and Steel company of New Jersey, illustrated their lecture on manganese steel by slides and moving pictures Friday afternoon in the Old Chapel They told how gradual experimentation culminated in a fortunate accident resulted in the present day manganese steel from which our most powerful trucks and tractors are constructed.

Mr. Hall termed the discovery an accident because it was result of unpremeditated action. It seems that a disgruntled workman tired of going through the routine of continual failure in toughening steel by the usual method of air cooling, vented his outraged feelings by casting a bit of heated manganese steel into a convenient water tank. A few days later the piece was fished out more from curiosity than from anything else. Shortly after the entire metallurgical world was rejoicing in the announcement that the long sought for process had been discovered. Water which has the quality of making steel brittle had the opposite effect on manganese steel.

Mr. Andrews then showed motion pictures of the various applications of manganese steel at the Taylor-Watson plant. Statistics and tests prove that manganese steel does not lose its temper very readily when heated by friction. In fact it is the combination of friction and pressure that welds it even tougher. Even when cooled slowly it is exceedingly hard, and this toughness makes possible its use in the jaws of rock-crushing machinery, safes and army tanks.

In connection with the great strength this steel can undergo without breaking Mr. Andrews showed pictures of the performance of two Linn trucks. These caterpillar trucks, with all bearing parts made of manganese steel pulled a load of 65,000 pounds over nineteen miles of an unpaved mountain road in West Virginia.

DR. METZGER BECOMES HONORARY MEMBER OF PRE-LEGAL FRATERNITY

At a special meeting of the Pi Lambda Sigma, honorary Pre-legal fraternity, last week Chaplain Metzger was elected to the society as the first honorary member. After expressing his gratitude for the honor given him, Dr. Metzger gave a short talk on the legal profession and its importance.

In addition Chaplain Metzger stated that, after taking his new position at Rutgers university, he would endeavor to organize a similar society there and that he would try to instill the same spirit as that displayed by Pi Lambda Sigma at Penn State.

The Pre-legal society is planning to hold open meetings in the near future and all law students are invited to attend. S. H. Torchin '27, president of Pi Lambda Sigma, is making arrangements to have a man, who has been a teacher in Turkey for three years, come here and speak to the student body concerning conditions in Turkey. Further announcements will be made concerning this when more definite arrangements have been completed.

WORLD COURT IS TOPIC DISCUSSED AT MEETING

(Continued from first page) When Mr. Jones finished, the remaining time of the forenoon and afternoon sessions were devoted to a presentation of the work of the Student-Friendship Fund organization. It

was brought out that more than two million dollars are expended in helping foreign students each year. Although Penn State does not participate in the activities of this society, she carries on her foreign aid through the Canton Christian college.

Bishop Paul Jones, secretary of the Fellowship of Reconciliation led the discussions of Saturday evening and Sunday morning concerning the World Court. The conference ended with a summary talk by Lieutenant Alby in which he presented the details of the organization of the World Court, what the nation's attitude should be and the part the college students must play in international problems.

Organization of a strong World Court committee, full attendance at all regional meetings of World Court conferences, a talk at the college on the subject by a special speaker, open forums for discussing international problems, use of World Court issue for college debates, distribution of literature, formation of speakers bureau, assurance of full and fair vote on campus in forthcoming nationwide poll of college students on the World Court issue, are some of the suggestions offered by the Council of Christian Associations to further the work outside the conferences.

COACH LEONARD TALKS TO STICKMEN TONIGHT

Manager Cook Will Also Speak at Meeting in Armory at Four-thirty O'clock

Lacrosse activity for the year will receive its initial impetus when Coach Leonard and Manager Cook address the men interested in this sport at a meeting to be held in the Armory at four-thirty o'clock.

All students who expect to compete for positions on the class orarsity squads or those who entertain managerial ambitions, are requested to be present at this meeting.

Matches with Swarthmore, Cornell and Harvard have been definitely arranged. The fracas with the latter institution will be staged on the Cambridge grounds. In addition, games with Penn. State, Carnegie Tech and Yale are pending. Judging by the caliber of the aggregations which comprise this schedule, the Nittany steel-welders will be forced to display a powerful attack and an effective defense in order to establish a successful season.

Intercollegiate Conclave Coach Leonard and Manager Cook will attend a conclave of the Intercollegiate Lacrosse Association at the Hotel Pennsylvania in New York on November eighth. The major issue for discussion will be the abolition of sectional leagues in collegiate ranks. At present, northern and southern conferences are in existence, and it is exceedingly difficult for a non-affiliated college team to arrange matches. This detrimental condition will probably be eliminated by official action of the association.

The annual freshman-sophomore scrap is scheduled to take place on Saturday, November fourteenth at one-thirty o'clock. At present there are approximately fifty candidates for each of the undergraduate teams and judging by the prevalent spirit, the contest will be hotly contested from the initial face-off to the final whistle.

TYPEWRITERS AND PHONOGRAPHS

Repaired on Short Notice HARRY K. METZGER Phone 160-J 217 S. Atherton St.

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SAWYERS SLICKERS

REMINISCENCE OF HIS COLLEGE LIFE IS TEXT OF ARTICLE BY JESSE LYNCH WILLIAMS IN "SCRIBNERS"

Noted Educator, Graduate of Yale in 1892, Declares Purposes of Students Are Just Reverse of Former Days—College Education Is Big Factor in Later Life

By E. I. N. A. Service "If a young man really wants an education, he can get one anywhere, even at college." So says Jesse Lynch Williams '92, noted author and playwright, in an article entitled "Went to College", published in the November issue of Scribner's Magazine.

According to Dr. Williams, few young men nowadays seem very keen to be educated at all, the motive of the majority for crowding into American universities being not educational but social. Nevertheless, "they are storming out academic 'strongholds' in such unprecedented numbers that our American colleges, which 'used to welcome shrewd anybody' have now begun to pick and choose. They are actually changing these comfortable country clubs into institutions of learning, thus spooling the chief charm of college life and destroying the only real leisure class we ever had."

From Dr. Williams' viewpoint, since the old college days are so different from the present, "we see two jobs on two generations. The older generation went to college for an education, but remained to have the time of their lives. The members of the new generation go to college for a good time but get an education, if they remain. It may not be the best kind of education. It is acquisitive rather than creative, a consumer's culture, not a producer's. Our universities are still in the thrall of the educational ideals of the old class, and their dependent priests and clerks." But education-chasing is better than social climbing, and hard work better than either.

Declaring that it might be bad taste for him to criticize college education because he was not educated there but had "intellect", Dr. Williams goes on: "At college I also acquired some lasting knowledge of tennis and other athletics, and became an expert shooter of clay pigeons, having made the gun team in my Freshman year. Think of the aid this has been to me all through life in filling ducks and quail! Invaluable. I also became an amateur editor in my junior year and began writing as a professional when a severe case of ill, it was at college that I learned the art of looting, though I have since ceased to practice it consistently."

"I learned to write, too, for I became involved in all kinds of extracurriculum activities, and so, as I had very little time left for classes, which were always rudely interrupting my important interests, I learned to work like the devil at examination time in order to remain in college."

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Alumnae Issue of "Lion's Tale" Will Go on Sale Today

The Alumnae Homecoming number of the Lion's Tale, published by the women of Penn State, will be on sale in Old Main today. The subscription price is fifty cents a year.

A subscription campaign started among the women students yesterday is making considerable progress. Which fact promises a successful year for the paper.

A summary of the girls' hockey season will be prominent in the Christmas issue. Another article of note will be a contribution by M. North, Editor '25, co-editor of the Lion's Tale last year.

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FAMOUS POEM OF SCOT SET TO MUSIC FOR "Y"

(Continued from first page) It may have been a picture of Parry's own home, and shows how the older bairns out at work were accustomed to return home each Saturday night to spend the evening with the old folk. Mayhap a cushion would drop in and the time be spent with song and story and family pleasures. In the case of each bairn it struck a responsive cord by the atmosphere created. Loved and familiar songs are sung by rich, experienced voices. There is the dry humor of the old Scots as they ply their game of chess in the chimney nook. There are the plaintive notes of the old fiddle which set tapping unconsciously to the rhythm centuries old.

COLLEGIAN DESIRES NAME OF ALUMNUS

Will "Alumnus" who wrote a letter to the COLLEGIAN concerning courses on "How to Study" please send his name and address to the office in order that the communication may be published. Undoubtedly, he forgets that no letter can be published without a signature, and this one is especially desirable since the letter may disclose some startling fact.

UNIVERSITY OF BUFFALO FORFEITS RIFLE CONTESTS

Sickness in Ranks of New York Gunmen Prevents Match With Nittany Team

Because of sickness in its ranks the University of Buffalo rifle squad forfeited the match to the Nittany shooters which was to have taken place on Wednesday and Thursday. This did not become known until Saturday when, instead of learning the outcome, Lieutenant Miller, Penn State coach, received notice of the cancellation.

Forty-one out of a possible two thousand rifles were on hand for a first match. The highest scores for the Lion team were C. B. Prichard 28, 372, A. J. Kane 28, 371, H. I. Riegel 27, 369; Barnes 27, 365, and Captain D. L. Freese 26, 356.

Forfeited the contest between the Odds and Evens of the Nittany squad to determine the personal of the team which will oppose the Lock Haven Rifle Club in a shoulder-to-shoulder match on the Army range tomorrow afternoon and evening will be furnished. The Lock Haven club has several more national championships in its ranks. The Nittany shooters will oppose the Lock Haven combination in several other contests during the season.

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BLUE BAND PLAYS DURING GRID TILT

Following the team to Syracuse on Friday last, members of the Penn State Band, fully uniformed in blue, made the first of the organization's two football trips scheduled for this year. During their stay in the New York city, the Nittany musicians were everywhere given a hearty welcome.

Before the game the Blue and White Band played the Syracuse streets where it received much appreciation. Cheers followed by the Orange Band, attracted in white trousers and blue sweaters, the Lion musicians then proceeded to the gridiron where they took their position in the stand.

After both bands had lined up on the field beaver halves and a one organization, played victory and the Nittany, Lion the Blue and White musicians played the Penn State Alma Mater. At the end of the contest both bands in total of the field and parade the Syracuse street.

Plans for an under-the-way on the Band's trip to Pittsburg where Penn State meets the University of Pittsburgh in the new Pitt Stadium on Thanksgiving. While in organization of only fifty pieces has made this trip in previous years, it is likely that seventy-five more will be in uniform for the annual closing concert on the twenty-sixth of this month. After last year's popular radio concert the Penn State Band has again been asked to broadcast from a radio station WDKA before the game.

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