I'll be spent in this large plaut, every fifty feet," but all voted the of their ears.

a pleasant and an enjoyable one.

who took the trip to Worcester Wednesday are loud in their praises of the hearth steel processes, the rolling of the acid and basic open hearths, and the men were glad to adjourn to lunch and get the chance to rest and enjoy the Annual Spring Run and Freshman-Sophomore Race at Same Time.

Both the Spring run, which was composed on account of bad weather, as well as the Freshman-Sophomore run will be held on Saturday over the Tech course. The two teams, the "Reds" and the "Greys" will be chosen on the way out. The scoring will be held separate, however, for the Freshmen and Sophomores so that both races will be decided at the one time.

INTERCLASS WRESTLING
Sophomore Team Has Been Picked—Freshman Tryouts Today.

Yesterday the freshmen held elimination trials to pick the wrestling team for the Freshman-Sophomore meet tomorrow, but as there are a large number of candidates, it was impossible to give all the men a chance to try out. The trials will be continued today and the team picked tonight. The Sophomores have already picked the men who will compete with the freshmen. The men are as follows: 115-pound class, Connelly; 135-pound class, Levy; 135-pound class, Burnap and Berzer; 135-pound class, Bouquet and Lawrence; 135-pound class, Blakeway and Spear; Heavyweight class, McSweeney. Burnap, Bouquet and McSweeney are the best men on the sophomore team and Manager Morse is confident that these three at least will win a fall. In scoring the meet a fall will count as two and a decision as one.

MR. RITCHIE SPEAKS
AT PUBLIC LIBRARY

"Nooks and Corners of the Old Bay State" Full of Interest.

Before an extremely appreciative audience last night John Ritchie, Technology's publicity agent, gave a "very interesting talk in the Public Library on "Nooks and Corners of the Old Bay State."

The slogans now popular are "See America First!" or "See New England First!" but Mr. Ritchie wanted the audience to see Massachusetts first.

The speaker talked largely about the country west of the Connecticut River where many of the old New England customs still exist in their quaint manner undisturbed by the rush and bustle of the busy cities. The territory spoken of is an area about twenty miles square which the railroad has not yet touched. But one electric car line makes an attempt to enter the territory, and that only for a very short distance. The old stage coaches, the country stores, the stage-coach driver, who is postmaster, hotel-keeper, and several other things, all exist.

The rolling hills and beautiful scenery were shown as well as many of the old landmarks of historic importance. Views of several of the villages showing the churches, the old tavern, the village blacksmiths, were characteristic of the slides. The elevation of the land in the country is as great as many of the popular health resorts in the White Mountains.

The talk was interspersed with references by Mr. Ritchie to many of the experiences that he had had when traveling through the country as he has done for the last twenty years. These proved very interesting as many of them brought out the peculiarities of the people living in the district.

CALANDER

Friday, April 3, 1914.
4.00—1917 Baseball Practice, Tech Field.
4.00—Tech Show Orchestra Rehearsal, Union.
4.09—Tech Show Rehearsal, Union.
5.00—Mining Eng. Society, Union.
Saturday, April 4, 1914.
2.00—Tech Show Orchestra Rehearsal, Union.
2.00—Fall Show Rehearsal, Union.
ENGINEERING AND SCIENTIFIC NOTES

Denatured Alcohol.

Germany now uses between forty and fifty million gallons of denatured alcohol a year, of which over thirty million gallons are sold to the general public for burning purposes. The importance of this fuel in Germany may be appreciated when it is considered that France uses about eighteen million gallons, the United States about ten million gallons, and the United Kingdom only four million gallons, according to a monograph by Charles A. Crompton, commercial agent of the Department of Commerce, recently issued by the Bureau of Foreign and Domestic Commerce. Denatured alcohol is not only gaining in favor for general burning purposes, but a determined effort is being made to find a way of using it as a motor fuel in place of the high-priced gasoline. All the recent developments are dealt with in the new monograph, which is entitled "Production and Use of Denatured Alcohol in Principal Countries." (Special Agents Series No. 77.) Copies at five cents each may be had from the Superintendent of Documents, Government Printing Office, Washington, D. C.

And the Rains Descended.

As a comment on prevalent rainfall of the last few days, the following extract from the Geological Survey may prove interesting:

"According to an estimate by Sir John Murray, the total annual rainfall upon all the land of the globe amounts to 29,374.7 cubic miles, and of this quantity 6,524 cubic miles fall upon all the land of the globe (Continued to Page 4.)
VALUE OF CHARACTER TRAINING DISCUSSED

T. C. A. Speaker Shows Influence of One's Personality on Self and Others.

At the regular T. C. A. talk yesterday Mr. D. M. Claghorn, of the Boston Y. M. C. A. dealt with the importance of character to a man's success in life. He applied his remarks particularly to Tech men, saying that a strong character is of as much importance to the engineer as his technical training.

Mr. Claghorn defined character as "nature plus nurture," meaning that a man's personality is due partly to his natural characteristics and partly to what he does in the way of developing his qualities. The best man, he said, is the one who combines a strong character with a broad education. Such a one is bound to succeed.

Aside from the influence a man's character has upon his own future, the effect upon others is to be considered. Every young man, said the speaker, is looked up to by some one of his contemporaries. It is the duty of every one to see that he exercises a good influence over those who are affected by his character. Many men are led astray by the influence of one who has a stronger personality than they. The person who exerts the bad influence is thus perhaps to blame for a life failure.

Mr. Claghorn then spoke of some of the ways in which a man's character is strengthened. Hard work is essential, but attention should also be paid to the necessary recreation and exercise. Habits of economy of money and health can only be acquired by a man with character and will. As these count largely in success, they should be cultivated in college. The man who has the character to refrain from things which impair his efficiency has a great advantage.

The speaker also mentioned the fact that Tech students are inclined to neglect the spiritual side of their character because of the technical training. He said that though spiritual things are not often discussed between men, it is the duty of all to do their part in accomplishing things. He told them not to spend their time dreaming, but to do things, not to blame their failure on circumstances, but to go ahead and achieve success.

COMMUNICATION.

Editor of THE TECH;

Dear Sir,

Judging by the conduct of some students who attend the Sophomore Physics lectures, it would seem that a few of those attending the Institute have not passed the high-school age. When something slightly out of the ordinary occurs in these lectures, there is usually a loud laugh, which does not subside for some seconds. The lecture is thus punctuated with useless mirth, which is no doubt amusing to the professor, and is certainly so to one who is trying to follow the somewhat complicated questions which are under discussion.

It is also customary for the students to announce the end of the lecture to the professor by noisy movements, which drown all other sounds. If the professor is in the middle of an interesting explanation when he receives the summons to stop, it means that so much of the subject which remains, which would probably only occupy a minute or two at most, is lost.

Respectfully,

SOPHOMORE.

HARE AND HOUND RUN

(Continued From Page 3.)

The Freshman-Sophomore race is attracting considerable speculation on the part of track men as there has been no long distance run where the men love participated by which to judge them. The Sophomores have four good men that can be relied upon to come in among the first. Bezaee and Gough are of varsity material and made good last fall in the big intercollegiate run. Graff and Brown are two good runners that are sure of a place on the team although Brown has not been doing much work lately. Gray, Murdock and Dean of last year's team can be expected to come in fairly good. Dean has been doing short distance work and has not had as many longer hours as a mile or two. This spring so is not in the best form for a cross country run.

The Freshmen have good men in Brock, Parker, Harrington and Litchfield who have been doing consistent work in the long distance this winter. Donnelly is not expected to run. Allen and Haviland will also probably be in the make-up of the team. These men with the exception of Parker, Brock and Litchfield have not done very much cross country work so the team strength is unknown.

The Spring Run is expected to bring out a large number of men in the upper classes. Captain L. Cook of the cross country team will run, also Nye, Wilkins and Lee of the Varsity men. Others who have been on the Hare and Hound runs are expected to turn out in full force.

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thorium, insufficient to explain the enholz, in Westphalia. Coal, how-
Thus four thousand cubic yards of damp is principally fossilized helium,
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fessors, and expiring Studes. The
reason why we should deny these wonderful animals that meet which
the indifferent attitude of the men must be changed if successful con-
certs are to be put on, so it is neces-
sary for the men to learn their mu-
sic, be prompt at rehearsals, and
throw themselves into the work.

SHOW ORCHESTRA
The Tech Show Orchestra will re-
hearse this afternoon at four. To-
morrow at two o'clock they are to
work with the cast and chorus, and
Sunday they are to practice alone.

PORTFOLIO SIGN-UPS
(Continued From Page 2.)

The following was de-
rived by one of the enthusiastic Seniors having sign-up books for the Portfolio to a large group of his classmates yesterday noon in the Union. It created considerable ex-
citement, for at the same time the announcement was made, that after Monday noon there would be no chances to sign up for Portfolios. The Portfolio Committee decided that, as the sales during the last week have been very small, it would be of no use to keep the sign-up books out after Monday noon. When the reports are all in the committee will notify the printer of the number desired and no more will be pub-
lished.

The number of Portfolios is therefore to be limited, and only those men who sign up on or before Mon-
day noon will be able to obtain copies.

Course IV men are requested to hand in at the Cape the titles of their classes, in order that they may be incorporated with the rest of the