PROSPECTS POINT TO GOOD RELAY TEAMS

First Trials Today and Wednesday—Entry Books for Class Meet Open.

Although the indoor season has scarcely begun, the candidates for the relay teams have already made great strides, and most of the men are showing very good form for this season of the year. Although the majority of the members of last year's team, too have left the Institute or will be unable to run, present appearances indicate that their places will be admirably filled by some of the Freshmen and candidates for last year's teams. The trials for the 390-yard men will be held this afternoon, and, although the other preliminary trials, they will, in a great measure, show the caliber of this year's relay team. However, no one will be sure of a place on the team until after the final trials, which will be held shortly before the mid-year vacation. Coach Kanaly also announced that preliminary trials for the two-mile team will be held on Wednesday, January 16th.

Before the Christmas vacation, and also during the past week, Coach Kanaly has been giving trials to all the candidates. In addition there are several of the candidates who have been tried for 390-yard men, and Coach Kanaly has prepared a list of those who have come along, and given them trials, in order to furnish very keen competition in that class of work. The trials will start promptly at 3 o'clock, and it is absolutely necessary that all candidates be present at the start. In order that their compositions may be considered in the contest, they must have an indication of what they are about to play him.

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PORTFOLIO BALLOTS

Those Elected to Committee Prominent at Institute.

The results of the 1913 Portfolio ballots show very close rivalry. Those elected to the committee are R. S. Havens, W. L. Holcomb, R. B. Nichols, S. H. Chamberlain, and A. P. Hains. Havens has been prominent in Institute activities, being class president his freshman year, and a member of the Freshmen and basketball teams. From Committee last year, Nichols was a class officer and a member of the Mandolin Club. During his Freshman year Kanaly pulled for the tug-of-war, and was a class officer. Brewer has been among those who have written successful Portfolio compositions, and has been prominent in Institute activities.

READING AT PLAZA;

A number of selections are to be given by prominent readers at short intervals during the next month at the Plaza. The readers will be chosen by a panel of judges, and the winners in this meet will be awarded medals and prizes. These prizes will be awarded to men who have not yet won these distinctions. The freshmen, especially, have a wonderful opportunity, since they generally exceed the other classes in the number of times they cut for the teams, and have many good men among them. However, this year's teams will only reap second and third in the majority of cases, but the winning teams for class honors will be very close. The members of the faculty have been placed in the Union, and all desiring to enter should post their applications in the books.

During the past three years a quarter of a century, these teams have been installed in various farm houses throughout the country.

THE TECH ADVISORY BOARD EXPLAINED

Purposes and Accomplishments of This Innovation of Last Year.

The TECH Advisory Board was instituted last year in order to secure for the undergraduates working on the paper the advantages of consultation with older men who, having been out of school for several years, are possessed of considerably more business experience. It was also designed to insure a square deal and better judgment in elections. The board, also, being permanent while the undergraduate officers change from year to year, is expected to impart stability to the organization, forming a sort of "anchor to windward." It is composed of two Alumni and two undergraduate members. These positions are at present held by T. B. Foote and T. A. Gilson.

The purpose of the Advisory Board is mainly to serve as a guide and to formulate policies for the organization. It is also authorized to make recommendations to the Tech Executive, to be acted upon by the students. Violations of these policies will result in the suspension of the student who committed the violation. The advisory board has the power to exclude from THE TECH any student who is deemed unable to carry on the work.

BASKETBALL GAMES

1914 Plays New Hampshire State 1915 Lacks Regular Practice.

Today, at 4 o'clock, the 1914 basketball team leaves here for a game with New Hampshire State College. The team is in excellent condition, and Manager Ruoff expects to have a pretty fast game. The following men have been chosen to the team:

- Bruce, 19; Forrester, 21; Haynes, 35; Herter, 21; Caldwell, 29; Clark, 28; Currier, 20; Page, 20; Dumas, 18; Olcott, 19; Keene, 20; Lyman, 18; Peaslee, 18; Quirk. These elections come after the tug-of-war, and was a class officer last year.

The 1915 team is scheduled to play St. John's on January 13th, but Captain Williams was absent when the team met on Tuesday afternoon. He says that any new candidates that come out now will have a good chance of making the team. The following men have been shown up regularly: Captain Moore, Colby and Quirk.

Things look pretty quiet for the 1915 team just now, as they do an open schedule until February 15th.

JUNIOR PICTURES

Any men who have not yet received their class pictures may now obtain them by calling at the Picture Office. This applies only to those who have already ordered their pictures. No more orders can be received at this time.

Owing to a misunderstanding with the photographer, all the members whose pictures have been received are without the class numerals. The correction of this error means a delay of about three weeks to those who ordered this number.

CALENDAR

Saturday, January 4, 1913, Show Movie Competition.

Monday, January 6, 1913, I. E. Senior Class Officers' Pictures—Notman's.

Wednesday, January 16, 1913, I. E.—Senior Class Officers' Pictures—Notman's.

Friday, January 18, 1913, I. E.—University—Union.

Saturday, January 19, 1913, Basketball—West End Athletic Club.

Mr. Blood speaks before Electricals.

Interesting Talk on "Suggestions For Young Engineers"—

New Officer.

Last evening, at about 8 o'clock, the members of the Electrical Engineering Society met in the smaller room of the Union. The feature of the meeting was a talk on "Suggestions for Young Engineers," by Mr. I. B. Blood, of the Stone & Webster Corporation. Mr. Blood proved to be most capable of advising the men present, for he had, through his many experiences in making his success, had a varied career in the electrical business. He first told of his experiences after leaving Tech, and related several very interesting anecdotes about what electrical engineering was just at that time, twenty years ago, in comparison with what is at present. He also interpreted the men considerably by giving a sort of a line which he encountered.

Mr. Blood was continued by saying that the young engineer just starting out in life is too liable to some degree to think that the engineering business is the right business for the energetic and ambitious man. There are many opportunities. After graduation the engineer has only acquired a good foundation upon which to start to build. He may receive many knocks, but he will eventually profit by these knocks, and the more he gets of them the better.

One essential in this he must not be afraid to work, to work hard, and to make up his mind to stick to the work, and to be satisfied. The speaker emphasized the fact that he is not to give up, but to persevere. He must study the rules and continue his reasoning power to solve that problem. An essential in engineering to use all the resources available.
BISHOP N. S. THOMAS
TO SPEAK FOR T. C. A.

Missionsary Bishop of Wyoming will Speak in Union Monday.

Bishop N. S. Thomas, of Wyoming, who speaks in the Union Monday, at 1:30 P.M., at the regular meeting of the T. C. A., is just as enthusiastic in boasting his State as in seeking to interest Boston Episcopalians in the work of his church. He knows his man; he has traveled all over it, on burnlock, on handcarts, by automobile and afloat, and he knows its possibilities. Hence his address should be of interest to Technology men, especially to mining engineering students, for Wyoming is a mining country, and much of Dr. Thomas’ work is in mining.

Although Bishop Thomas is in the first primarily in the interests of his church, he is going to put aside his purely religious purposes on Monday and tell some of his interesting experiences as "Missionsary Bishop" of the great West. His speeches to mining engineers and students, for Wyoming is a mining country, and much of Dr. Thomas’ work is in mining.

We know that the founding of the Institute was the life-work of President Rogers; we know that he threw into it all the energy and ability at his command, and we know that today’s little school which he founded has become the greatest school of industrial science which the world has ever seen. It is all over, and that the heat of re-action would do well to look to the matter a little more calmly, and see what it really ought to mean to us.

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SECOND INDOOR MEET TO BE HELD TODAY

Many Entries in Short Distance Events—But Few in Longer Runs.

Today, at 2:45 o’clock, at the Gym, will be held the second of the series of open handicap meets. The meets are on the same plan as those held during the Fall at the Field. The idea is to give the followers on the equal opportunity of obtaining an idea of the ability of the men on the squad. All freshmen who are substituting track for freshman football are eligible. For at least one event.

A large number of entries have been received for the shorter distance events. In the thirty-yard dash, some of the entries are: P. H. Gueth-ling, Crankshaw, Smith, Comiskey, Dean, Read, Adams and Thomas. In the forty-yard hurdles are entered Hunt, Pope and Foster. But few men have entered in the five-lap run but it is expected that more will err at the Gym today before the meet starts. Those that have entered are T. H. Gueth-lin, Nye, Smith, Hyde and Comiskey. The ten-lap run so far is made up mostly of upperclassmen, including T. H. Gueth-lin, Nye and Hill, with Dean and C. Guethlin representing the freshmen. Nye, Benson, Macoy and Grant are the only entrants in the twenty-lap run, but nevertheless this should prove an exciting race, especially between Nye and Nye.

The handicaps that are to be given will be rated as nearly as possible upon the competitor’s ability as shown in practice and previous meets, thus giving everyone an equal opportunity. Remember, 2:45 o’clock at the Gym.

T. C. A. SPEAKER.

(Continued from Page 1, Col. 2.)

but a small part of their work, and often they spend whole days in the saddle as they go from place to place to attend to the needs of the men whom they serve.

Hospitals and clubsrooms are among the things which Bishop Thomas is building, as well as observatories and reciters. He has many plans for the Indians, of whom there are 990 in the State, in the tribes of the Shoshone and the Arapahoe.

In speaking of the resources of his State, Bishop Thomas said recently in an interview: “We had no gold so the people went on, but aside from the precious metals we have great mineral wealth, notably coal. Only recently a vein of coal 70 feet thick has been discovered in one of the many coal fields in this country is now being developed in Wyoming. We have iron deposits in the northern region, the Superior Lake region, in the United States. We have copper, lead and asbestos. Then we have the old industry of sheep raising. We always had large range, but cattle and sheep raising are giving way in all the western states to irrigation and dry farming. Ten per cent. of the State is now under irrigation.”

The State has only recently been developed. For ten years it was unoccupied, but the desert was now being populated. Every today elk abound in the northern and western parts, while the sight of coyote, wolf, bear and mountain lion is common. It is of life and work in the great outdoor country that Tech men will have an opportunity of hearing Monday at 1:30, in the Union.

WIRELESS MEETING AT HARVARD TONIGHT

Dr. Pierce to Speak on “Resonance in Receiving Circuits.”

An especially attractive meeting of the New England Wireless Society is to take place in the Jefferson Physical Laboratory at Harvard College at 8 o’clock this evening, to which members of the Technology Wireless Society are invited to attend, said others who are in any way interested in the subject of radio telegraphy are cordially invited to come to the meeting. The feature of the evening will be a talk by Dr. G. W. Pierce of Harvard, who is one of the professors in the Department of Physics at that university.

Dr. Pierce’s subject will be “Resonance in Receiving Circuits.” All men who have ever experimented with wireless sets realize the great importance of this subject in the process of properly adjusting the various parts of the receiving apparatus so as to “tune out” certain stations which are not desired to be heard and at the same time to “pick up” the desired stations, with a sufficient strength to read the Morse telegraphic characters and to interpret the messages. Dr. Pierce has performed extensive experimental research in this particular field of radio telegraphy, and thus he is particularly well fitted to give the subject. He will demonstrate his talk by experiments and show the various forms of apparatus which he devised for his investigations.

To reach the Physical Laboratory from the city take a Cambridge subway train at Park street and go to Harvard Square. Arriving there, take any car onward bound for North Cambridge or Arlington, and leave it as soon as it comes to the surface. The building will then be on the right of the street and is easily located. It is hoped by the officers of the Tech society that a large representation from Technology will be present at this meeting.

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