INSTITUTE COMMITTEE HEARS GOOD REPORTS

Sub-Committee Report Progress Along Lines Leading to Reforms

The first meeting of the Institute Committee was held last night under the chairmanship of C. Morse, and was attended by a large number of members. The committee has been given the task of investigating the various matters complained of in the recent general meeting of the Institute, and the report of the committee will be forthcoming next week.

Mr. Murdock, who reported for the Point System Committee, said that J. M. Moreau had resigned the position of Statistician of the Technique. Now that he has done this, every member in the committee is more than the ten points which he is allowed. This report shows the committee to be active and efficient. The report of the committee was accepted.

Mr. Langley read the report of the Union Committee, which recommends the establishment of a union for the protection of students. This union has been formed for the purpose of assisting in the supervision of the student body. The committee has noted a number of cases where students have been unable to attend classes due to various reasons. It is recommended that the union be formed as soon as possible.

C. Morse reported that the affair of the student body was called to order by President Mattson, on Friday at 4:30 P.M. After the usual roll call and the reading of the secretary's report, the treasurer read his report, which showed a very satisfactory balance of $560.03 on February 1.

TODAY IN THE UNION

PROGRESSIVE MEETING TODAY IN THE UNION

Will Meet to Elect New Treasurer and Representative to Federation.

Today, at 1:30, in the Union, the Progressive Club of Technology will meet in the study room to transact some important business. Owing to the resignation of the treasurer, the election of a successor is necessary, and must take place immediately.

Another important office to be filled is that of representative to the Massachusetts Federation of College Progressive Clubs. Work has already begun by the Federation in anticipation of the Spring elections. Already plans are being completed by the college men for the next meeting, to be held the last part of March, at which several of the country's most prominent Progressive clubs will be represented.

It is now very evident that the Progressive Club will be a fixture at Tech and Tech men. There are seven clubs in the country, and it is hoped that all of these men will attend the meeting. It is further urged by the officers to attend to- morrow.

CONCERT AT CHELSEA

Combined Musical Clubs Render Enjoyable Program.

The concert of the Combined Musical Clubs, held in Chelsea last Friday evening, was attended by many interesting and intelligent people. A welcome addition to the program was the presence of Mr. Hardy, of the Boston Opera Company, who sang several numbers. The program, given by the vocal quartet, was particularly well received. The program was:

1. Shandon Bells............. Nevin
2. Soldiers' Blood............. Arch. von Blon
3. Hawaiian Medley............... Solo
4. Mandolin Club
5. Readings—Selected............. Mr. Hardy
6. Solo...................... H. G. Mann, '16
7. The Donkey.................. Romero
8. Wanted—a Wife............. Mattei
9. The Donkey.................. Mr. Hardy
10. Come Seven, Come Eleven...Solo
11. Hawaiian Medley............... Solo
12. Mandolin Club
13. Readings—Selected............. A. D. Grover
14. Vocal Quartet
15. Glee Club
16. Hawaiian Medley............... Solo
17. Choral Society of Eleven..... A. D. Grover
18. Mandolin Club
19. Vocal Quartet
20. Glee Club
21. Hawaiian Medley............... Solo
22. Choral Society of Eleven..... A. D. Grover
23. Mandolin Club
24. Vocal Quartet
25. Glee Club
26. Hawaiian Medley............... Solo
27. Choral Society of Eleven..... A. D. Grover
28. Mandolin Club
29. Vocal Quartet
30. Glee Club

The program was well received, and the enthusiasm of the audience showed that it was enjoyed by all.

THE TECH SHOW CAST

MANY OUT FOR PLACES IN TECH SHOW CAST

C. P. Fiskell
Stage Manager for Tech Show.

The sign-up books are out this week for Juniors and Seniors.

Sign-Up Books Out This Week For Juniors and Seniors.

The sign-up books will remain open for the purpose of filling the places available in the various departments of the school. It is hoped that all students will take advantage of this opportunity by filling out the necessary forms.

PROF. SEDGWICK QUOTED

Is Much Opposed to the Legalization of Euthanasia.

Professor William T. Sedgwick, head of the department of biology, was one of the many great medical men of the country who were quoted in yesterday's Boston Herald concerning the question of legalization of euthanasia. He is quoted as saying that such a practice is against the principles of the medical profession.

Dr. Maclaurin's Trip

Will Tour the West Once More Sometime This Year.

President Maclaurin is to make another trip through the West. Since his last trip, which he went along the Atlantic Coast, and to Pittsburgh, Chicago and Cincinnati, he has been unable to make time for the trip. President Maclaurin came in close contact with the leading manufacturing men of the country, and all of these men were impressed with the excellent opinion of Tech and Tech men.

There have been seven trips west of the Mississippi, with important centers in San Francisco, Los Angeles, Seattle and Portland. It is the intention to have Dr. Maclaurin go all the way, as well as to make speeches in other towns.

MANY OUT FOR PLACES IN TECH SHOW CAST

Final Selections Not Yet Made—New Men Still Have Chance.

During the past week activity in the show has been very great. First of all came the selection of the cast, and next the choosing of a chorus and the beginning for assistant in the stage department.

A final decision in the cast has not yet been made and will not take place until February 1. This report shows the committee to be active and efficient. The report of the committee was accepted.

MANY OUT FOR PLACES IN TECH SHOW CAST

Final Selections Not Yet Made—New Men Still Have Chance.

The following list contains the names of men who hold sign-up books:

Brotherton, W. M., '14
Crowell, D. H., '14
Dorrance, A. M., '14
Fox, C. E., '14
Guthart, A. S., '14
Hiller, A. D., '14
Holloway, C. H., '14
Hunt, F. C., '14
MacKenzie, F. F., '14
Morse, J. C., '14
Morse, J. H., '14
White, W. H., '14
Wentworth Guerney, H., '14
Worthington, A. C., '14
Wyman, A. T., '14
Wyman, A. T., '14
Wyman, A. T., '14
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"MASQUE" ELECTIONS.

Four New Members Taken in By Tech's Dramatic Society.

"Masque," the honorary dramatic society at Tech, recently announced the election of four new members of the society to take the places left vacant by graduation in June. The following men were elected by the general manager of Masque, Charlie B., publicity manager: Kenneth W. Robinson and Edward G. Brown. All men have been prominent in Tech, and the selection is one which will be well worthy of their votes.

At the beginning of the society's limited to thirteen men, these four are fortunate in attaining the honor of being one of the thirteen. The election must be by unanimous vote, and work on Tech show in previous years always a large factor in deciding the winners.

SHOW COMPETITION.

(Continued from Page 1.)

Clare, Bexon, Riner, McGiwin, Drift, Sirem, James, Hill, Robinson and Bishop.

Coach Sanger was present at the time, and the chorus and its selection was very short and definite.

The following names have been reported to Thomas: Wolfe, Medhurst, Camp, Maiten, Kingsbury, Brown, Crosby, Besly, Hohl and Jones. These men will take the masculine parts, while these others will be used as either. Dramatic, however, for this reason: Higgins, Chadwick, Foster, Schaebacher and Besly.

In the chorus there were only about twenty-five men out, but this small number was sufficient since there will be quite a few who will drop back from high school and take parts in the chorus.

The men who came out for the chorus and were not chosen are at liberty to try once more in the next competition, which will be announced later.

Although there are not as many out for the chorus as there will be in the fall, there is still no reason why they should not have a chance in the chorus and try for parts in the chorus. It is possible that some of these men are better than those who have been chosen, and there is absolutely no reason why they should not have a chance in the chorus.

The second competition will be held Wednesday, February 2, in the Union dining room, and the third competition will be held Wednesday, February 9, in the Union dining room.

A very interesting lecture was given Friday afternoon by Mr. R. E. Herrick of the Norton Manufacturing Co., of Worcester. His subject was the "Laboratory Applications of Alundum." With Alundum we ordinarily associate an abrasive substance, used in cutting, polishing or coring. Such is its original purpose, but in the last few years it has found a greater and more important application in the chemical and physical laboratories, as well as limited use in the industries.

Alundum is an artificial oxide of aluminium, the raw product of which is sodium, a hydrated oxide of alumina, in use for furnaces, but one of our country. It is then shipped to Niagara Falls, where it is first calcined, then melted in the electric furnace. The "hyper-thick," mostly metallic the oxide, and the pure A12 O3 is removed in immense ingots weighing five tons each. After cooling, they are broken up and the pieces shipped directly to Worcester.

The first use of Alundum, of which Mr. Herrick spoke, is due to its high refractive power. It is far superior to any of the ordinary porcelain for the making of crucibles, as it can stand a great deal more heating. Moreover, owing to its low coefficient of expansion, it will endure very rapid heating and cooling. Its good thermal conductivity, in which it far excels porcelain, makes possible fusions which otherwise would be impossible in platinum. Although it is very inert, chemically, it cannot be employed as a complete substitute for platinum, but as a supplement to the latter it is unexcelled. Its second important application is that of a thermal conductor. As an insulating lining for furnaces, but that will at the same time readily conduct heat, it has proved very useful. It has been successfully employed in the melting of platinum, and it is said that an electric furnace in which the coil is wrapped around a hollow core of Alundum can be raised to a very great heat in the space of fifty seconds.

But what seems to be by far the most important use for Alundum is its porous property. As a filter it has a great possibilities. This application is one of very recent origin and has yet found general use. Alundum filters have only been on the market since September, and though all things new were, of course, considered with some skepticism, many prominent chemists at the present time use them exclusively. The substances which is to be filtered is placed in one of these Alundum receptacles, which are made in the form of crucibles, as well as pressed funnel-shaped instruments that in the filter funnel, and then fitted tightly in the top of a filter, just as with the Gooch Crucibles. The filtration takes place by attraction, and takes place much more rapidly and efficiently than in the old Gooch filter.

Mr. Herrick closed his talk by remarking that he does not hope that this new filter will find immediate application in all the laboratories of the country, but prophesied that it will surely be the filter of the future. It will undoubtedly be the filter of the future.

FRESHMAN TRACK TEAM.

Manager Webster of the freshman track team is arranging for a series of dual meets with local high schools. The meets are to be held Wednesday afternoons in the Tech Grounds, it is hoped to have the first one with Boston College High School this week.

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