

THE TECH

VOL. XXXII. NO. 114

BOSTON, MASS., WEDNESDAY, MARCH 19, 1913

PRICE TWO CENTS

J. W. HOWARD SPEAKS BEFORE C. E. SOCIETY

Institute Man Tells of Survey Work in Costa Rica and In Panama

Yesterday afternoon the Civil Engineering Society held a meeting in Room 11, Eng. B. H. M. Rand, '13, was elected to the office of vice-president, to succeed M. E. Langley, who resigned recently. After this business had been transacted President Strachan introduced Mr. John W. Howard, of the Civil Engineering Department at the Institute. Mr. Howard spoke on his experiences and work while engaged in making surveys and topographical observations in Panama and Costa Rica. These two countries had long disputed the boundary line between them and finally submitted the argument to arbitration, the United States being appointed the arbitrator. Consequently, an expedition was organized to obtain information regarding the land and the country in order that the exact boundary line could be determined from the data obtained.

Mr. Howard was one of the party of twenty-six engineers who were selected by the three governments concerned. The party started a year ago last January and went to work systematically, dividing into four sections, to each of which a different part of the country was assigned. Mr. Howard showed a very complete set of slides made from photographs taken by himself. These pictures illustrated very forcibly the difficulties involved, the thick jungles and heavy tropical growth through which the work had to be carried on.

The speaker told the members of the society things which were of especial interest to them as civil engineers and spoke of the rigid requirements which had to be met, and of the consequent care and precautions which had to be taken.

The party had with them negro baggage luggers, who carried the outfit, consisting of a complete camping equipment, provisions and the instruments. The party met with various dangers, venomous snakes, mosquitoes, spreading malaria and fevers, giving them the most trouble. Trails had to be cut through the jungles where travel by canoe was impossible, and where surveys had to be made. The slides showed how transportation was effected and showed also many picturesque views of the country, its people, cities and villages. Mr. Howard told of many incidents in camp and of the tropical birds and animals encountered.

After the party had secured all the topographical information the return was made and the data forwarded to the U. S. Government, which will decide definitely upon the location of the exact boundary line. The members of the society gave Mr. Howard a vote of thanks and then adjourned.

LIGHT MEN WANTED.

The Show has issued a call for the positions of light men. Although the light men do not need as much practice as do the chorus or cast, yet they will have to prove their proficiency by means of an examination. All men who intend to come out for this position will meet in the Show office at 4 o'clock today. The officers hope that a large number of men will report at this time as the contest will close in a very few days.

RECOMMENDATIONS OF GREAT MOVEMENT MADE BY THE ALUMNI COUNCIL

Expenditure of \$600,000 Suggested for Student Housing--Fraternalities May Not Pledge Freshman Till Second Term

At the meeting last evening of the Alumni Council of the Massachusetts Institute of Technology at the University Club, a number of important items of business were considered with reference to the plans for the New Technology on the Charles. President MacLaurin and Mr. Bosworth, the architect selected, were present, and the discussion was about the buildings for student accommodation, and the Walker Memorial. The Dormitory Committee, which consists of A. F. Bemis, '93; C. W. Eaton, '85; L. Allen, '07; Frank A. Bourne, '95, and F. L. Locke, '86 presented a voluminous report, read by Mr. Eaton and illustrated by lantern views. It took up in great detail every phase of student accommodation, estimating the cost of "stairway" dormitories at about \$1200 per student, and requiring \$600,000 for the buildings required immediately so soon as the Institute shall be moved to Cambridge, with an increase to a million as future growth is to be provided for. The conclusions are the following:

Summary of Recommendations.

1. That about 8 acres of the new site be set aside for dormitory purposes.
2. That the dormitories be located preferably along the Esplanade; otherwise, along Massachusetts avenue, with interior quadrangles parallel to Massachusetts avenue, the outer building line 20 feet from the street, and a suitable masonry and iron fence along the property line.
3. That initial provision be made for at least 500 students, probably 632, and possibly 800.
4. That the stairway type of dormitory be adopted with a height of four and five stories.
5. That three kinds of student rooms or suites be provided in the following proportions:
Provision for 25 per cent. in single rooms for single occupancy.
Provision for 25 per cent. in single suites for single occupancy.
Provision for 50 per cent. in double suites for double occupancy.
6. That all student accommodations be as nearly uniform as possible in general character and service.

T. C. A. TALK TOMORROW.

Rev. G. G. Hamilton to Speak On Social Service.

The Rev. George C. Hamilton, of the Everett Universalist Church, will address the Institute men at the regular Technology Christian Association meeting to be held tomorrow at 1.30 in the Union. The speaker comes at the suggestion of several students interested in social service work, and as he is well versed in problems relative to this subject the discourse will, no doubt, prove valuable to many. Rev. Hamilton's talk will be entitled "The Christian Ideal in the Social Life of Today," a subject that promises to be of exceptional interest.

7. That such accommodations be supplied with the "main pieces of furniture."

8. That bathrooms be provided on each floor, but that suites and rooms be NOT provided with private baths.

9. That as much inducement as possible be offered the students to take outdoor exercise.

10. That "fresh air sleeping rooms" be provided as far as possible.

11. That dormitories be of fire-proof construction, certainly of nothing inferior to "slow burning" construction.

12. That the members of all four classes be mixed as much as possible throughout the dormitory system.

13. That rooms be assigned by lot with a reasonable degree of individual choice as to stairways.

14. That no "lounges" be provided in stairways.

15. That no dining accommodations be provided in stairways except as mentioned below.

16. That the conduct of the dormitories be in charge of an officer of the Institute, who should be a Faculty member.

17. That such officer be assisted in supervision and in maintenance of order by a student committee or council.

18. That the serious side of life, as exemplified in religion, should be fostered by the Institute authorities.

19. That the dormitory system be ready for occupancy and use at the same time as the educational buildings.

20. That a general dining hall or "commons" be provided near the dormitories, but easily accessible also to the educational buildings, for the use of all students.

21. That such commons should provide:

- a. Good wholesome fare at minimum cost, and service as attractive and varied as may be had elsewhere.
- b. Home-like conditions as far as practicable.
- c. Dining rooms so arranged as to foster the intimacies and home (Continued to Page 2.)

LYNN MEN ORGANIZE.

Meeting Called to Establish New High School Club.

Students in the Institute who have attended the Lynn High Schools are attempting to form here a Lynn High Club, similar to the Brookline High Club, Chauncy Hall Club, and others already in existence. Several Seniors from Lynn are backing the project, and at present the prospects are good. Membership will be open to students who have either attended the Lynn High School or the Lynn Classical School. A meeting is to be held today at 26 Rogers, and all men from Lynn, Swampscott and Saugus interested in the establishment of the club are expected to be present.

TRACK TEAM IN GREAT FINANCIAL STRINGENCY

Must Obtain Money to Take Trips—Faculty Members Favor Athletics.

Last evening about sixty fellows attended the track dinner in the Union dining room. The dinner was served about 6.30, and after the diners began to lessen in the zeal with which they attacked the food Captain Eddie Germain started the real work of the evening. The speakers for the evening were Professor Haven of the Mechanical Engineering Department, Professor Robbins of the Civil Engineering Department, Dr. Rockwell of the Advisory Council, Coach Frank Kanaly, 'Gene Marceau, '12, Manager White, Captain Germain. The first of these to be introduced by Mr. Germain was Professor Haven, who was greeted by a round of hearty applause.

Professor Haven first expressed his joy at being enabled to speak to the gathering of track men, and stated his firm belief in exercise for the students. According to Professor Haven it was the influence of outside associations on the Institute athletics which was up for discussion during the evening. The athletic work, he said, meant much to the life of the students in general. It prepares them for the world's hard knocks, so that they can stand the strain of after life. He cited the case of business men applying for employees, and said that in many cases it is not merely wonderful mental power which is desired, but physical capability. Men with capable minds but weak bodies are undesirable. In conclusion he said that the track department aided the (Continued to Page 3.)

SOPHOMORE BASEBALL.

First Practice Held Yesterday— Nineteen Candidates Out.

Sophomore baseball candidates had practice for the first time yesterday afternoon at the Tech Field. The season started well with nineteen men turning out, but very few of these were veterans from last year's team.

The men went through batting and field work as a preliminary for scrub games which will begin next Thursday. Manager H. C. Thomas has arranged a very good schedule for the team, and he announces that regular practice will be held twice a week, on Tuesdays and Thursdays, at 3 o'clock.

The following men turned out: For pitchers, Delano and Gears; for the infield, Captain Caffrey, Franks, Wirt, Baner, Place, Magoni, Waterman, Spencer and Colby; for the outfield, Morse, McIntyre, Thomas, Fohvery, McDevitt, H. J. Murphy, F. E. Murphy and Anderson.

CALENDAR.

- Wednesday, March 19, 1913.
4.00—Candidates for Light Men—Show Office.
4.15—Cast and Chorus Rehearsal with Sanger—Union.
5.00—Cercle Francais—29 Lowell.
Thursday, March 20, 1913.
1.00—Meeting of the 1916 Banquet Committee—Union.
1.30—Regular T. C. A. Meeting—Union.
8.00—Smoker of M. E. and E. E. Societies—Union.

THE TECH

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WEDNESDAY, MARCH 19, 1913

The recommendations which were made to the Corporation on Monday evening by the Alumni Council, and a summary of which we publish in today's issue, are evidence in themselves of the thought and care which have been put on this stupendous undertaking of creating wholly new living conditions for a large educational institution. Some of the recommendations, we hope, are not as startling as might at first be expected, for it has been generally known that such questions as the problems of student-housing in "stairway" groups, the mixing of the four classes, and especially the suggested ruling regarding the pledging of Freshmen by fraternities, have been discussed more or less thoroughly by the various committees in charge. Perhaps the real purport of these rumors has not been fully realized, however, until this report is actually made to the Corporation.

In passing it may be said we are sorry no recommendation has been made regarding a single tax which, we feel, is the only practical solution of the support of various athletic activities. The statement, however, may be somewhat unjust for the reason that the Walker Memorial Committees of both the Faculty and the Institute Committee have been considering this question more especially with respect to the support and maintenance of the Walker Memorial, and on account of the fact that no definite action has been taken as yet by either this recommendation may be pending.

Now, indeed, is the time for every man to consider well every recommendation that has been made and form some opinion regarding them. The many committees have called for suggestions concerning any problem which any man feels he has a better solution for. Do not forget that this is decidedly our opportunity now at this time, and that we are making the conditions which will, in a large measure, become traditional at the new Institute. We all want to see the best in every phase of Institute life, so can we not co-operate freely for the sake of Technology?

THE TECH English class will write themes on "Conditions in the Union" in preparation for the next recitation.

It's no use dodging Technique sign-up slips. They are difficult things to escape.

Some of the fraternities are beginning to make plans for their baseball teams, and will start practice soon.

ENGINEERS TO GIVE JOINT SMOKER SOON

Prof. Smith Will Give Talk On Customs and History of Islanders.

At a joint meeting and smoker of the Mechanical and Electrical Engineering Societies to be held in the Union at 8 o'clock tomorrow evening, Professor H. W. Smith, of the Electrical Department here at the Institute, will give a talk on "Journeys Among the Dayaks and Kayaks of Sarawak, Borneo." Professor Smith spent a considerable portion of last year on the island and neighboring ones in the Southern Pacific studying the manners, customs and history of the natives.

Professor Smith, who is a very interesting and popular speaker, will outline the history of Sarawak, telling how the first Rajah, James Brooke, succeeded in founding the state, establishing a good government, and how, amidst the dangers of the jungle, he finally destroyed the power of the Dayak pirates. Sir Charles Brooke followed the preceding Rajah, and he, like his predecessor, devoted his life to insuring peace to the natives and promoting the interests and welfare of the inhabitants. He also succeeded in suppressing the head-hunting of the natives, for which offence a serious penalty is imposed upon the offenders.

During his stay on the island Professor Smith had many interesting as well as amusing incidents, and these he will relate Thursday evening. He has witnessed many native customs, dances and other scenes which he will show by means of lantern slides made from photographs taken by himself. This collection of pictures is well worth seeing. He has also promised to provide some phonograph records of native songs and war dances. The members of the two societies are looking forward to a very pleasant and interesting hour of diversion.

RECOMMENDATION.

(Continued from Page 1.)

atmosphere of the small table, and at the same time to insure the important general bringing together.

d. Opportunities for very large gatherings by arrangement of the larger halls to permit of their convenient use in combination.

e. Such service as may be required in the Walker Memorial.

22. That no effort or expense be spared to provide the best possible equipment in storerooms for provisions, preparing rooms kitchens and serving rooms for the most economical, systematic and hygienic method of handling the food supplies, even at the expense of space and furnishing the dining rooms themselves. (Study West Point in this respect.)

23. That the administration and direct management and employment of all servants and the purchasing of all material be in direct charge of a thoroughly competent director and teacher, preferably with experience in business and expert in dietetics. The same officer might be in charge of the dormitories.

24. That the director of the commons be assisted in supervision and the maintenance of order by a committee or council of students.

25. That every possible step be taken to keep non-fraternity and fraternity men in as close physical and social contact as possible, looking to this end that the fraternities be encouraged to lease sections in the general dormitory system of the Institute.

26. That the same opportunities be offered to every social club of similar standing of scholarship and financial responsibility.

27. That the Corporation of the Institute present the fraternities with a definite proposition, giving them an idea of the accommodations which

(Continued to Page 3.)

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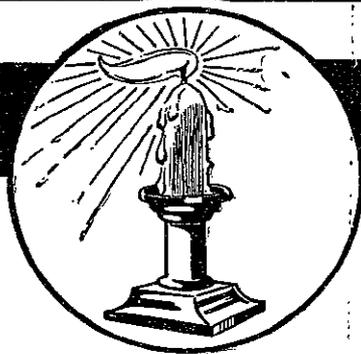
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TRACK TEAM DINNER.

(Continued from Page 1.)

students by increasing their physical powers.

Captain Germain expressed himself as glad to get the approval of the members of the Faculty on that subject, as some men had the idea that by going out for track they lost favor with the Faculty. He then introduced Professor Robbins, mentioning the latter's athletic activity while a student, and informing the members that he was a member of the tug-of-war team which defeated Harvard in '94.

Prof. Robbins regretted that his knowledge of athletics had long since been forgotten, but stated that he also was strongly in favor of athletic work. Professor Robbins said that every student should participate in athletic work, and said also that no student who takes a reasonable amount of athletic work need worry about his scholastic standing. The tendency is, he said, to do too little rather than too much athletic work.

Captain Germain then picked up a point in the speaker's talk, that of pulling till black in the face in the tug-of-war contests, and said that the reason the new men don't do as well as they ought is that they do not run themselves out. He said doing this would not injure them, and Coach Kanaly would gradually get them into such condition that they could do this to the uttermost ounce of energy without any ill effects. When following other men, he said, the fellows should stick to their leader, and not fall behind until run out. He wanted men to come out, and if they were late to meals try and have the meal hour changed.

Introducing Dr. Rockwell, the toastmaster said that with Major Briggs Dr. Rockwell had been the chief supporter of athletics for the last sixteen years, and had held the quarter-mile record at the Institute for many years.

Dr. Rockwell repeated the argument about physical condition being as necessary as mental training, and remarked that he had been informed that the summer camp men were to be worked so hard that they would not be able to stand it unless they take athletic work this year. He said that mere athletes were not wanted, neither did they want men who strove merely for prizes. Dr. Rockwell also stated that the Tech teams had been doing fine to have gone so far to take their exercise, as this was a great difficulty with which to cope. These three succeeding years are to be the most important ones, and a good nucleus for a team must be on hand when the new site is occupied. No one class or two classes make a team, but it must be built up each year.

The track will be put in good condition, he said, and the coach is without a peer. The team should be a good one. But, he said, money is needed, for the Corporation cannot see its way to keeping the team in funds to finish the season. Tech Show made no money, and had been averaging \$800 per year. This was a great loss. Nothing was made from Field Day, and nothing was made from the intercollegiate. It is the duty of each athlete, and others as well, to come forth and meet the pecuniary demand for this season. The matter will be put before the Alumni Council at its meeting on March 31, and the Institute Committee will be sounded on the subject. Some means of meeting the stringency must be found if the team is to go to Springfield and have rubbers.

Captain Germain stated at the conclusion of Dr. Rockwell's talk that he could see the way to \$600 now, but \$500 was still necessary. Manager White then gave the schedule of the spring meets, after which Germain made some comments upon the schedule. Frank Kanaly then spoke, and said that the track squad had increased from thirty men to over one hundred. He said that he always

(Continued on Page 4.)

TECHNOLOGY TEAM GETS SECOND PLACE

High Scores Made Monday Night Puts Rifle Team Among the Leaders.

On Monday the Technology rifle team lost to the Harvard team by the score of 943 to 957. This score puts the Institute in second place, the Mass. Aggies being close contestants. The Aggie team lost to Harvard by the score was 940 to 957. The score of the Tech team on Monday was: Stewart, 196; Gere, 187; Dunn, 187; Haslam, 193; Casselman, 180, making a total of 943.

The standing of the team is nine matches won out of eleven. On next Monday the team is to meet the team from Lehigh University. On the Monday following it will meet teams from Pennsylvania University and Mass. Aggies. After this match the team will take up the long range out of doors. The prospects for success at this range are much better, for the team entered the short-range competition only to get practice in holding the rifle.

RECOMMENDATION.

(Continued from Page 2.)

they could expect in the dormitory quarters, or at least the fundamental conditions under which such quarters could be obtained.

28. That the fraternities be not allowed to rush or to pledge any Freshmen previous to the opening of the second term.

29. That fraternity members be not allowed to live in fraternity houses until the beginning of their second year.

30. That definite records be kept of the scholarship standing of all fraternities at the Institute, and that such records shall be made public to all students of the Institute.

Professor Harry W. Tyler reported in part for the Walker Memorial Committee. Some general propositions were presented, a place was claimed for the Memorial building itself on the Esplanade, with an athletic field along Vassar street. The Memorial and the commons should be permanent buildings, but the athletic field should be so arranged as to give way to buildings when the growth of the Institute requires the space. The committee has the April meeting of the council assigned to it for full discussion of the plans.

TOURNAMENT RESULTS.

The second round of the chess tournament was concluded last week, seven matches being played. The games in most cases were not very close, there being little doubt as to the winners. Merrill against Johnston, and Woodbridge against Sears, had the hardest time of any of the winners, each winning two of three games played. Dunning won from Gustin, Norwood from Phillips, Paris from Chandler, Woodcock from Blank, and Jones from Connor, by a score of two to nothing, and Hoyt defaulted to Brown.

PORTFOLIO PICTURES.

The Senior Portfolio Committee announces that the final date for handing in proofs of the pictures for the portfolio, and the histories which are to accompany them, is Thursday, March 20, at 5 o'clock. The Seniors should be sure to hand them in because much is detracted from the value of the book if it does not include the pictures of all the men.

This is the saddest time of all the year. Too hot for hockey and too cold for baseball.

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This course of six experimental lectures will be given on Monday afternoons, at 4.05 o'clock, in Room 23, Walker, beginning Monday, March 17th.

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H. M. GOODWIN.
March 13 1913. (1 week)

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1916 DINNER COMMITTEE.

Chairman K. M. Sully, of the 1916 Class Dinner Committee, has called a meeting of that committee for Thursday noon to meet at the Union. The committee, which is composed of Sully, Norris and Desmond, will welcome any suggestions from the members of the class.

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looked out for the health of the fellows. He added that the track work helped the fellows in the work in life, and gave them a better command of men. Out of the Senior Class Day Committee seventeen had been out for track work, and it helps the standing of men both before and after graduation. This year he and Captain Germain have been trying to fill in the weak points of the team. Dartmouth's strength is known, and Tech is specializing to beat Dartmouth.

After Coach Kanaly had concluded Dr. Rockwell arose and led a cheer for him and Captain Germain.

Gene Marceau then spoke a few words, and said that one important thing was for the candidates to come out for practice oftener. He desired to see more enthusiasm for track work.

Captain Germain then spoke, and also requested greater crowds at the meets. He wants to see the stand filled when Tech meets Worcester this spring. He cautioned the men against fouling. He also touched on the chances in the New England Intercollegiate, and said that Tech would keep its strength in the runs, while Dartmouth's points in the weight events would be cut into by the other colleges. In this way Tech may win.

April 5, 1915 vs 1916, cross-country race. April 12, 1915 vs 1916, dual track meet. April 26, spring interclass meet. May 3, Boston Latin vs. 1915. If this date can be changed 1913 and 1915 will meet 1914 and 1916 in a track meet. May 17, Worcester P. I. vs. Tech, at Tech Field. May 23 and 24, N. E. I. C. A. A. May 30 and 31, I. C. A. A. A. A.

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