

# THE TECH

VOL. XXXII. NO. 88

BOSTON, MASS., SATURDAY, FEBRUARY 15, 1913

PRICE TWO CENTS

## LIFE STORY OF THE BIOLOGICAL SOCIETY

Many Noted Lecturers Have Spoken at Meetings of Young Society.

Of the eight professional societies at the Institute, representing in a large measure as many different professional trainings, the Biological Society enjoys the unique position of having among its members representatives of three important Institute courses—Biology and Public Health, Sanitary Engineering and Chemistry. Although only five years of age, the energetic spirit and progressive policy of the society is shown by its officers in successfully organizing and carrying out many informal talks, trips to various places of interest, and occasionally an enjoyable "get-together" dinner. The talks, while chiefly of a Biological nature, have been sufficiently broad to be of interest to all concerned with modern public health problems and up-to-date sanitation methods. They are generally given by prominent men who, having reached high positions in their chosen professions, are enabled to present to the students practical topics, the knowledge of which is not found in a text book, having developed during their recent professional careers.

In the fall of 1907 there existed at the Institute a small organization known as the "Junior Biological Club," and principally composed of Course VII men. The birth of the present society dates back to December 18th of that year, when at a dinner given by the club it was proposed for the first time to organize a permanent association. This proposition met with the unanimous approval of the members, and Robert N. Hoyt was elected to serve as a temporary chairman. The task of draughting a constitution fell to Scott MacNutt and G. A. Haynes, who presented it to the society in January of the following year. This constitution, with a few minor changes, was accepted and adopted, and Messrs. MacNutt and Hoyt were elected to serve as president and secretary.

(Continued on Page 2, Col. 2.)

## FRESHMAN TRACK TEAM.

Dean Elected Captain at Meeting Yesterday—Meet at Lowell.

At a meeting of the members of the Freshman track team, which was held yesterday afternoon in the Gym. Kenneth Dean, of Brookline, was elected captain. The election was almost unanimous, and the Freshmen need have no fear of poor leadership. Dean ran for Brookline High School before coming to the Institute, and later was a member of the Freshman relay team. He is also a prominent candidate for the Technology two-mile relay team.

After the election Coach Kanaly gave a short talk to the fellows, and gave them their instructions for the meet tonight as it is probable that he will be unable to accompany the team to Lowell.

As announced previously, the team will leave the North Station at 5.27 P. M., and all are expected to eat before leaving. All those whose names appeared in yesterday's issue of THE TECH will make the trip.

## INTERSCHOLASTIC DESIGN COMPETITION

Architectural Contest Among Five Leading American Colleges.

The Interscholastic competition in architecture for 1912-1913, between the five leading colleges of Architecture in the United States, including the Massachusetts Institute of Technology, starts Monday. The competition is divided into two classes (1) For graduates in Design, or for students about to receive their degree; (2) and those who are not so far advanced, namely, Juniors. There is a cash prize for the winner of each class. For Class 1 the prize is \$90.00, and for Class 2 it is \$60.00.

All the members of the classes try out for this prize and the six best from each college are sent into the competition. The competition starts Monday with a preliminary sketch. The time limit for this sketch is eight hours, and has to be solved without any assistance from any source. The final drawings are made from these sketches and have to be the same solution.

After the winning drawings of the competition have been chosen the drawings will be sent to the five colleges, where they may have them on exhibition for a short length of time.

## TALK ON STEEL.

To Be Shown by Pictures at Civil Meeting Tonight.

This evening, in Huntington Hall, the Civil Engineering Society will hold its first meeting of the second term. Promptly at 8 o'clock the unusual entertainment which the society has to offer, namely, the history of steel told by moving pictures, will begin. Not only that, but for the first time the occasion will be Ladies' Night. A cordial invitation has been extended to all those in the Institute to attend this meeting, and a record attendance is expected.

The many stages in the manufacture of steel will be accurately portrayed by moving pictures. This will provide an excellent opportunity for all those interested in this subject to see all the processes in detail without the usual effort.

## MANDOLIN CLUB.

The Mandolin Club will hold its rehearsals on Tuesday and Fridays hereafter. As a concert is to be given in Chelsea on Friday, February 21, it is important that all members be present in the intervening rehearsals. The management states that all members should have their two new pieces memorized. Heavy fines will be imposed on those who are absent.

## MUSEUM OF FINE ARTS.

Two talks will be given at the Museum of Fine Arts next Sunday afternoon. At 3 P. M., Mr. L. Earle Rowe, director of the Rhode Island School of Design, will speak on some results of the excavation of 1912. At 3.45 P. M., Mr. Joseph Linden Smith will speak in the Tapestry Gallery. The lectures are free.

## WRESTLING MATCH WITH HARVARD A TIE

Team Makes Good Showing Against Crimson—Interesting Contests.

Last night Tech wrestled Harvard to a standstill before a crowd of about three hundred. Tech won the first two bouts by falls, and the last two on decision. Harvard won the heavy-weight bout by a fall and three of the middle-weight bouts on decision. Sayer, of Technology, still persisted in depriving the spectators of a long match; he won his bout from a fall in 2 minutes and 55 seconds. Kelly also won from a fall in 4 minutes and 2 seconds. Stambaugh, of Harvard, won the heavy-weight bout in 1 minute and 15 seconds.

The first bout was in the 115-pound class, between Sayer of Technology, and Mora of Harvard. Sayer won by an arm lock and head chancery in 2 minutes and 55 seconds. The second bout was in the 125-pound class, between Means of Technology and Goodfriend of Harvard. During the first six-minute round Means was on the defensive but he showed good work throughout. In the second round the wrestlers succeeded in tying themselves into a complicated knot and then landing on the floor. The result was that they had to be carried on to the mat in order that their holds might not be broken. In the third round, which was only three minutes, the men were not down on the mat. The bout went to Goodfriend on decision.

The third bout was in the 125-pound class, between Kelly of Technology, and Moulton of Harvard. Kelly got a hammer-lock but Moulton broke it. Kelly then got a fall from a crotch hold in 4 minutes and 2 seconds. The fourth bout was in the 135-pound class, between Blodgett of Technology, and Swigert of Harvard. The battle was a steady grind and was fought the time limit. The bout went to Swigert on decision.

The fifth bout was in the 145-pound class between Alexander of Tech, and Griffiths of Harvard. Both men worked good but Griffiths was a little more aggressive and won the bout on (Continued on Page 2, Col. 1.)

## MEN OUT FOR CREW.

Few Present at First Meeting of Year in Union.

Only twelve men were present at the meeting held in the Union this afternoon to start a crew for this year. Last year a number of fellows turned out for this branch of sport, and although no regular schedule was arranged, a foundation for a good crew was started, and it is hoped that the movement on foot now will be successful in the establishment of an eight this year.

It is the idea to establish a permanent organization now and not have it a yearly affair, as it has been in the past. Another meeting will be held next Wednesday, at which it is hoped that a larger bunch of fellows will turn out. Financial matters were the subject for discussion at the meeting today.

## TECH SHOW CAST AND CHORUS CANDIDATES

Meeting to Be Held Today in Union for all Those Interested.

This afternoon, at 2 P. M., Tech Show, 1913, will begin its actual career in the Union dining room. At that time all those who wish to come out for positions in the cast and chorus will meet Stage Manager C. P. Fiske and get the first detailed information concerning the new production. The management states that it is important that all who intend to try out for the Show should attend this meeting.

The book for this year's Show lends itself admirably to modern staging, and every man who thinks that he has any talent that would make good for any of the principal parts is urged to come to the meeting. Also those who think themselves modern Venuses, with the grace and agility of a dancing girl, have places waiting for them. This offers a special opportunity to Freshmen, for every year the major portion of the chorus is drawn from them, and there is no reason to believe that this year will prove any exception to the rule.

The Show this year is to make one more trip than usual, and will give one more performance than last year. With these inducements Tech Show hopes to bring out a larger crowd of candidates than ever before in its history. Here is an opportunity for the fellows to support two of the Institute's biggest activities at the same time, for whoever helps Tech Show also helps the Athletic Association, as the funds from the former are given to the latter.

Remember the time, 2 P. M. today, and the place, the dining room of the Union.

## GAME WITH YALE.

Hockey Team to Play at New Haven Tonight.

The hockey team is having troubles of its own this year, for again a game has been cancelled. At the last minute the Providence Hockey Club called off the game which was to have been played tonight. If there is sufficient ice the team will journey to New Haven to play the Yale seven tonight.

The Yale team has not made a very good showing to date, and if the Institute team keeps up their present pace they will have a good chance of coming off the winner today. This game was postponed from earlier in the season, when there was not enough ice at New Haven. The following men will take the trip: Ranney, Hurlbutt, Eichorn, Foote, Fletcher, Rogers, Stucklen and McLeod.

## CALENDAR.

Saturday, February 15, 1913.  
2.00—Cast and Chorus Candidates for Tech Show Meet in Union.  
5.27—Train Leaves North Station—Lowell High Meet.  
8.00—Civil Engineering Society Moving Pictures of "Steel Making" at Huntington Hall.

**SHOW CAST AND CHORUS--2.00 P. M. UNION--TODAY**

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SATURDAY, FEBRUARY 14, 1913  
IN MEMORIAM.

Last Wednesday morning we heard some one ask why the American flag was flying everywhere. Can it be possible that there are any men among us who do not know what last Wednesday commemorated? Where is the knowledge of our own history and the much boasted patriotism of we Americans when we fail to remember the birthday of Abraham Lincoln, one of the greatest men America has ever produced or can ever hope to produce? Lincoln Day, Washington Day and Independence Day ought always to remain so fixed in our memory that they will never be forgotten. Without doubt, it is only the proximity of Lincoln Day to Washington Day that prevents the former from being recognized as a legal holiday in all States.

The Freshmen, especially, seem to be neglecting one of the finest opportunities which has ever been offered at the Institute. We refer to the chance to study journalism under the instruction of the head of the English department of the Institute in connection with the work on THE TECH. Journalism is something which we all shall need in our later lives when we come to making out reports on various projects. Now here is an excellent opportunity for studying it going to waste for most men. The new English section is limited in membership to twenty men who are working on THE TECH, and there are not enough Freshmen working on the paper at present to make up this number. If you Freshman, would like to take advantage of this most remarkable opportunity you only have to drop in at THE TECH and give your name. THE TECH will do the rest.

## WRESTLING MEET.

(Continued from Page 1, Col. 3.)  
decision. The sixth match showed good wrestling all the way through. It was in the 158-pound class, between Walters of Tech, and Brennan of Harvard. In the first round Brennan secured a flying mare and landed Walters on the floor some distance from the mat. The wrestlers were given  
(Continued on Page 3.)

## FORMATION OF NEW INSTITUTE SOCIETY

### Men Interested in French Met Yesterday to Establish Society.

Yesterday afternoon, at 4 o'clock, twenty men interested in the study of French, met in 29 Lowell and established a French Club. Professor Langley presided as temporary chairman, and gave a few suggestions concerning the activity of the club.

A committee of five was appointed by Professor Langley to make out a slate of officers for election, and the election was held immediately. The following officers were elected: President, W. E. Lucas, '14; vice-president, St. E. T. Piza, '15; secretary-treasurer, F. C. Foote, '15, and historian, R. Barratt, '14. The office of historian is a new one among societies here, and its duties will require the keeping of the minutes of the meeting in French.

It is the purpose of the club to hold weekly meetings which will be conducted entirely in French. Discussions upon topics of current interest, chiefly concerning France, will be held in the meetings from time to time, and short informal talks will be given. Professor Langley has offered to give an illustrated lecture upon the history of Paris, which should prove very interesting.

The question of eligibility for membership was discussed at length, but the matter was left finally in the hands of the Executive Committee, composed of the officers of the club and Professor Langley. For the present all those in the Institute who are interested in French at all, or who are planning to take it up as an elective, are invited to attend the meetings. A committee of three, consisting of Professor Langley, P. McC. Werlich and F. E. Stern, was appointed to draw up a constitution and present it at the next meeting for the approval of the members.

A large number of those who were present have considerable knowledge of the French language, and there is good reason to believe that the club will be very successful. The next meeting will be held Monday afternoon, February 24th, at 5 o'clock, probably in room 29 Lowell, but the definite place will be announced later. Due notice will be given in the columns of THE TECH.

## BIOLOGICAL SOCIETY.

(Continued from Page 1, Col. 1.)  
retary, respectively. The new Biological Society enjoyed a rapid and successful growth, and before the end of the Spring term of 1908 assumed its place with the other professional societies as the true representative of the interests of the Biological department. Frequent dinners and smokers were held, the most important event in the early history occurring during Junior Week, 1909, when the society held a reception in the rooms of the department. On the occasion of the departure of Professor W. T. Sedgwick for a visit to Europe in the Spring of 1910, the society gave a dinner in his honor and presented him with a pair of binoculars.

That interest in Biological matters was beginning to grow was shown by the fact that the rapidly growing society became one of the most active in the Institute. In April, 1910, THE TECH published a special edition devoted to the Biological Department, which included a general history of the department by Professor Sedgwick as well as numerous other articles by several other instructors.

The Biological Society was formed with a three-fold purpose: First, to further the social intercourse among Biological students; second, to further the knowledge of Biological subjects; and third, to provide a social meeting ground for students and their  
(Continued to Page 3.)

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**ARCHITECTS HEAR  
REMARKABLE TALK**

**W. H. Sayward Gives His Solution of the Labor Question of Today.**

One of the most interesting and truly inspiring talks that has ever been heard by any professional society at the Institute was given last evening before the Architectural Engineering Society by Mr. William H. Sayward, Secretary of the Master Builders' Association in Boston. The intent of the talk was the setting forth of a way out of the labor chaos which is besetting the American nation at the present time.

Mr. Sayward is a man eminently well fitted to discuss such a subject as this by reason of his extremely close contact with various labor conditions, both in actual contracting business and in his relationship to the comparatively new and highly successful incorporated union which he has founded in many trades here in Boston.

Owing to the fact that the idea seems to be so prevalent that there is no labor chaos to any appreciable extent, he cited the general thought of four speeches which were given before the Economic Club of Boston at one of its recent meetings. Four men, an academician, a representative of Labor Unions, an employer, and a member of the I. W. W., who had been closely connected with the Lawrence strike, gave four absolutely different views of the whole matter, and each was as certain as the others that his standpoint was the right one. This fact alone, Mr. Sayward stated, is sufficient proof that here is labor chaos.

With this point firmly established he explained that the people themselves are the real employers and not the contractors, for it is they who must ultimately pay for the various fluctuations in the cost of production resulting from labor difficulties, and the contractors are merely the agents through whom the people do business. This fallacy has gone hand in hand with another which is even stronger and more important in its results on general conditions. It is, namely, that people are wholly ignorant of the fact that the least of the labor troubles result from the demands for higher wages or less working hours. To illustrate this point more clearly he told of many cases with which he had been intimately connected where mere petty grounds between the leaders of different unions had been the whole cause of months of inactivity on large and expensive jobs where the contractor had done everything in his power to carry out every wish of his laborers.

Employers, he stated, have never denied the right of men to strike, but they do hold that the Unions have no right to keep them from manufacturing their products and conducting their business. Thus in trying to arrive at some solution of the problem he endeavored to bring committees together composed of employers and Union men which should arbitrate on all matters concerning demands and rights. This was found to work only so long as the Unions felt the employers had sufficient men to fall back on in case of emergency, but as soon as they controlled the labor market every contract and guarantee was thrown to the winds and the employers were ruled with an iron hand, a fact which has meant the loss of great sums of money and vast amounts of time.

Mr. Sayward thus came to the conclusion that Unions are unsound as they exist today, and very lop-sided, from the fact they are composed of only one set of men who have no means of knowing the employer's point of view. They cannot see the necessity of a harmonious whole in trade conditions where one group is so much dependent on every other, no

(Continued on Page 4.)

**MR. H. W. GIBSON TALKS  
ON GENERAL SUBJECTS**

**Mentions Vital Problems of Mankind in Interesting Discussion.**

Thursday, at 1.30 o'clock, in the Union, Mr. Gibson, State Secretary for Boys of the Y. M. C. A., gave the first T. C. A. talk of the second term. His subject was not a definite one, but he mentioned here and there different elements and problems that come up in a man's life. His talk was replete with amusing incidents that all carried their morals and from time to time he mentioned facts that came right home to the student conditions here at Technology.

He first talked about helping the other fellow, decried selfishness, and stated that the man who made good was, in general, the all-round man. He said that going around with a frown on would never get you anything, and that the man who was cheerful always got along the best.

He talked of wasted time and opportunities, and said that if we were to follow the common motto, "Do it Now," for as short a time as three days, we would be able to notice a marked change in our daily life.

In closing he spoke of the value of the body. The material of the body, as material, is worth about seven dollars, and the value of life is determined by the fact that we have a soul. Most people take care of the "house we live in," that is, our body, but pay very little attention to our spiritual side. The triangle of the Y. M. C. A. stands for the mind, body and soul, but the important thing to notice is that the triangle is equilateral, while in most cases the side representing the spirit is sadly negligible.

**FRESHMAN BASKETBALL.**

**Team Shows Marked Improvement Since First of Year.**

The Freshman basketball team has had quite a successful season to date, and with the best part of its schedule ahead of it, is showing every evidence of continued improvement and will probably wind up the season with a very creditable record. Yesterday afternoon a hard scrimmage was held with a picked team from the upper classes, and the Freshmen outplayed their opponents in every department of the game, finally ending with twice as many points to their credit as their opponents.

Captain Dewson, who plays center for the Freshmen, is a good man in his position, and there are few men his equal among the schoolboy ranks. He is a hard player and is always to be found in the thick of the game. Ziner and Meredith are playing a great game in the forward positions. Both seem to have an eye for the basket as well as the ability to play a good offensive game.

Manager Lenahan has one or two games yet under consideration. It is practically decided that the team will play the Cunningham Gym five at Milton on March 1. This team has made a record for itself this season and should give the Freshmen a hard game. The Freshmen will probably be playing their best about this time and a very interesting game should result.

A series of three games is being arranged with Sophomores to take place in the near future. These games will complete the schedule.

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**BIOLOGICAL SOCIETY.**  
(Continued from Page 2, Col. 2.)

instructors. Members of Courses VII, XI and V (Option 3) are eligible to active membership, and those other courses interested in Biological matters may become associate members. The dues of the society is one dollar a year. The present officers are: E. M. Tolman, XI, '13, president; H. N. Calver, XI, '14, secretary-treasurer; S. Schneider, VII, '14, assistant secretary-treasurer.

During the past term some of the speakers whom the society have enjoyed have been Dr. Rosenau, well known for his work on Milk Pasteurization; Dr. Floyd, who spoke on the new methods of treating tuberculosis, and Dr. Forbes, who gave a talk of a more general nature, "The Relation of Public Health to Problems of Evolution." For this term several additional interesting speakers have been secured, and a dinner has been planned for an early date.

**COLLEGE NOTES.**

More than 40 freshmen have registered in the course of journalism at the University of Illinois this year.

Mrs. Russell Sage has contributed \$50,000 to the Syracuse University, Syracuse, New York, for its Agricultural College, in memory of her father, Joseph Slocum.

The University of Pennsylvania athletic associations raised a fund of \$262,000 by subscription for the construction of a gymnasium and issued bonds for the same purpose for an equal amount.

The Class of 1909 of the University of Texas began a movement to establish a \$4,000 fund for girls' scholarships in the University. Through the D. A. R. the plan seems about to be realized and will be quite an achievement.

**WRESTLING MEET.**

(Continued from Page 2, Col. 1.)

time out to get their wind, and then went at it again. All through the bout Walters was more aggressive than his opponent and won the bout on decision.

The seventh bout was between Cap of Harvard. The battle was hard fought and went the time limit. Treat won on decision. The last bout was in the heavy-weight class, between Crowell of Tech, and Stambaugh of Harvard. Stambaugh won by a crotch hold and arm lock in 1 minute and 15 seconds. The referee was Dr. W. F. Provan of the B. Y. M. C. U. The timers were Wilson of Tech, and Withington of Harvard.

Summary:  
115-pound class—Sayer, Tech, vs. Mora, Harvard, won by Sayer. Time, 2 minutes 55 seconds.

125-pound class—Means, Tech, vs. Goodfriend, Harvard, won by Goodfriend on decision.

135-pound class—Kelly, Tech, vs. Moulton, Harvard, won by Kelly. Time, 4 minutes 2 seconds.

145-pound class—Blodgett, Tech, vs. Swigert, Harvard, won by Swigert on decision.

145-pound class—Alexander, Tech, vs. Griffiths, Harvard, won by Griffiths on decision.

158-pound class—Walters, Tech, vs. Brennan, Harvard, won by Walters on decision.

158-pound class—Captain Treat, Tech, vs. Captain Tyler, Harvard, won by Treat on decision.

Heavy-weight class—Crowell, Tech, vs. Stambaugh, Harvard, won by Stambaugh. Time, 1 minute 15 seconds.

Referee—Dr. Provan, B. Y. M. C. U. Timers—Wilson, Tech, and Withington, Harvard.

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**FACULTY NOTICE.**

Before attending English classes—both First Year and Second Year—students are asked to consult the Bulletin Board or the Blackboard in Rogers.

**DEPT. OF ENGLISH.**

**LOST**—Feb. 10, a 10-inch Slide Rule, in black cloth case. Reward if returned to D. B. Baker at Cage.

**COURSE IV SMOKER.**

(Continued from Page 3, Col. 1.)

matter what branch of work they are in. In seeking a solution he decided that a real Union must be well-balanced, must have, in other words, employers as well as wage-earners, for in this way only can they form a sort of home relationship where each man can see clearly the demands of the other and know that they are working together for their best progress. From this idea came the establishment of Mr. Sayward of the finest incorporated Union in the United States, which is composed of both employers and workmen. In its development it has been remarkably successful. The incendiary is absolutely eliminated, as is the agitator and chronic kicker. Wages are discussed at the annual meetings by both employers and workmen, and the latter are given the only vote on all matters of wages, a fact which has never resulted disastrously.

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The graduate council of Princeton University is taking steps towards reducing the expenses of commencement. It is said that last year the expense was over \$40,000.

Stanford University has decided to select a new name for their college daily. The Daily Palo Alto does not suit the students, and they are receiving suggestions from all parts of the State.

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