

The Tech

VOL. XXV. No. 41.

BOSTON, MASS., MONDAY, JANUARY 8, 1906

PRICE THREE CENTS.

MISSING STUDENT FOUND.

Ferreira, '09, Missing Since November 7, Found on Sailing Vessel.

Cesar Ferreira, the wealthy young South American Tech student who disappeared November 7, was found last Friday by the Pinkerton agency to have left Havana on a sailing vessel for his home in Montevideo, December 4.

Ferreira left his room on November 7, saying nothing to his roommate as to where he was going. As he took nothing with him, leaving his room in its usual condition, no one paid any attention to his absence for several days. Then the Boston police were notified and immediately started a search for the missing man.

Ferreira after leaving here went to New York, where he sailed for Havana. No cause for his departure has been assigned. His parents were alarmed by it and consulted the Pinkertons.

SURGEONS REPORT ON FOOTBALL.

In a recent article by Dr. F. H. Nichols and Dr. Homer B. Smith, surgeons who had charge of the Harvard squad during this last season, the following conclusions are stated after a discussion extending over several pages relative to injuries received by the players during the season:

1. The number, severity and permanence of the injuries received in playing football are very much greater than generally is credited or believed.
2. The greater number of the injuries come in the "pile," and not in the open plays, although serious injuries are received in the open.
3. The proportion of injuries received in games and in practice is about the same.
4. A large percentage of the injuries is unavoidable.
5. The percentage of injuries is incomparably greater in football than in any other of the major sports.
6. The game does not develop the best type of men physically, because too great prominence is given to weight without corresponding nervous energy.
7. Constant medical supervision of the game is a necessity and not a luxury, although it is a question if a game, requiring the constant attendance of two trained surgeons, is played under desirable conditions.
8. The percentage of injury is much too great for any mere sport.
9. Leaving out all other objections to the game, ethical and practical, the conditions under which the game is played should be so modified as to diminish to a very great degree the number of physical injuries.

The baseball squads at most of the colleges and universities have started winter practice.

CALLED TO PORTO RICO.

Mr. Rolfe Goes to Island to Engage in Sugar Industry.

G. W. Rolfe, instructor in Sugar Analysis, has gone to Porto Rico, where he is to take charge of a sugar plantation on the Constancia Estate. This estate is not far from the plantation where he was at work two years ago.

Last year the plantation produced about 4,000,000 pounds of sugar, but as it is believed that the production can be much greater under different management, the owners have sent for Mr. Rolfe to take charge of the plantation during the coming sugar season, to see if he can not find some way of increasing the output.

During the three or four months that he will be away, A. G. Woodman will take charge of his work at the Institute.

Y. M. C. A. MASS MEETING.

Fred B. Smith, Secretary of the International Y. M. C. A., spoke at a mass meeting held Friday in Huntington Hall. His subject was "Profit and Loss." Dean Merrill presided. Mr. Smith said that in the audience there were a large number of men who were going to fail utterly for no other reason than a warping of their moral foundations.

He told of the unflattering ideas which the people of foreign countries hold, and too often have a right to hold about Americans and American politics.

Mr. Smith concluded by telling the men that they were laying in college their moral foundations for life and for eternity.

MRS. RICHARDS TO SPEAK.

Mrs. Ellen H. Richards is to visit Cornell University from Jan. 12 to Jan. 19, to speak to the students of the Agricultural Department on "Sanitation, with Particular Reference to that of the Country Home."

Mrs. Richards is also to speak at the Women's Educational and Industrial Union Jan. 20, 27, and Feb. 3 and 10. She will speak on "Home Economics from the Standpoint of a School Teacher."

COLLEGE NOTES.

The date for the annual relay carnival of the University of Pennsylvania has been set for April 28, 1906. The contest will be held at Franklin Field, as usual, and the leading colleges, preparatory, and high schools of the country will be invited to enter teams.

At the annual winter meeting of the New York Alumni of Phillips Andover a call was made for \$300,000 for a working fund, to be used to increase teachers' salaries, provide necessary apparatus for laboratories and meet general incidental expenses not otherwise provided for.

DISPUTES LEGACY TO TECH.

Legacy of Nearly \$70 000 in Favor of Tech Disputed.

Today, in the Suffolk Probate Court, Judge Grant continues the hearing begun last Friday, of the contest over the will of Frank H. Cilly. Testator died October 5 from gas poisoning, leaving a \$70,000 estate mainly to the Massachusetts Institute of Technology, of which he was a graduate. The allowance of the instrument is opposed by a brother, Harry E. Cilly, on the ground that at the time it was executed testator was of unsound mind and unfitted to affix his signature to such a paper. Contestant testified to testator's peculiarities.

NEW CLUB FORMED.

The final meeting for completing the organization of the Mechanics Arts High School Club was held at the Union, Friday evening at 7.30. Mr. O. G. Fales, '07, as temporary chairman, called the meeting to order. Then followed the reading and ratification of the constitution, after which the election of officers took place, resulting in the election of the following: E. O. Hiller, Asst. in Mech. Eng., President; O. G. Fales, '07, Vice-President; R. B. Weiler, '08, Secretary-Treasurer; W. J. Cady, '06, A. F. Stevenson, '07, H. S. Osborne, '08, and J. W. Nickerson, '09, Executive Committee.

At the conclusion of business an informal hour was spent, during which refreshments were served.

SOCIETY OF ARTS.

The 617th regular meeting of the Society of Arts will be held at the Institute, room 22, Walker Building, corner Boylston and Clarendon Streets, on Thursday, Jan. 11, 1906, at eight p.m.

Professor Alexander F. Chamberlain of Clark University will address the Society on the subject of "American Indian Art and Its Folk-Lore." Members are requested to invite friends interested in the subject.

AM. INST. ELEC. ENG. TO MEET.

There will be a meeting of the Boston branch of the American Institute of Electrical Engineers on Wednesday, January 10, in 6 Lowell at 8 o'clock.

There will be no regular paper read, but an informal discussion on "The Fire Risk in the Modern Electric Station." The discussion will be started by Prof. W. L. Puffer and will be followed by Messrs. E. V. French, H. O. Locount and S. Hosmer.

The subject announced is of great and increasing importance and a full attendance is desired of Institute members who will enter into the discussion. Members are expected to invite guests.

CALENDAR.

MONDAY, JANUARY 8.

- 1.00 P.M. Freshman Class Meeting in Huntington Hall.
- 4.00 P.M. Trials for 1908 Relay Team at the Gym.
- 8.00 P.M. Third of Series of Lowell Institute lectures on "The Scientific Principles Underlying the Art of Painting," in Huntington Hall.

TUESDAY, JANUARY 9.

- 6.30 P.M. Instructors' Club Dinner at the Tech Union.
- 8.00 P.M. Chess Match, Tech vs. Jamaica Plain, at the Boston Chess Club's Rooms.
- 8.00 P.M. Third of Series of Lowell Institute Lectures on "The Development of Shakespeare as a Dramatist," in Huntington Hall.

WEDNESDAY, JANUARY 10.

- 8.00 P.M. Musical Club's Concert at the Colonial Club, Dorchester.
- 8.00 P.M. Annual Class Championship Meet at the Gym.

FACULTY NOTICES.

Dyn. Elec. Mach.—There will be a one hour examination on Friday, Jan. 12, for Course I, third year.

Third Year. Heat References.—Watson, Book II: Chapter I entire. Chap. II., entire. Chap. III., omit sections 222, 224, 230, 234. Chap. IV., omit sections 239, 240, 241. Chap. V., omit. Chap. VI., omit all after section 251.

For a reference work on Pyrometry, see "High Temp. Meas.," Le Chatelier, in Physical Library. Most important portion is the "Introduction" and paragraphs headed "Principle," under each chapter.

For further general references see Preston's "Theory of Heat" (Physical Library). It is important to bear in mind that the general principles and phenomena discussed in the lectures are, in the opinion of the examiner at least, of much more importance than either the details of apparatus or intricate mathematical deductions.

C. L. NORTON.

NOTICES.

M. I. T. A. A.—Winners of first and second places in the Freshman-Sophomore Dual Meet may get their cups by applying at the Cage.

Instructors.—The Instructors' Club will hold a dinner at the Union tomorrow evening. Mr. W. Lyman Underwood will talk on "In the Woods with an Indian."

1908 Relay Team.—Trials for the 1908 Relay Team entered in the Annual Indoor Class Meet will be held at 4 P.M. today at the Gym. All middle and long distance men out.

1908 Class Canes.—All men who want canes must make a deposit of \$1.00 to a member of the committee before Wednesday.

F. H. MCGUIGAN.
P. B. BARRETT.
H. W. WELLINGTON.