

THE TECH

VOL. XXXI. NO. 136

BOSTON, MASS., SATURDAY, MARCH 30, 1912

PRICE TWO CENTS

FIRST REPORT FROM TEAM IN SOUTH

Weather Proves to Be a Serious Handicap at the New Training Camp.

(Special Wire to THE TECH.)

Neusite, Georgia, March 30.—The first report of THE TECH baseball team which is training at Neusite, Georgia, reached the office this morning. It is rumored that they will challenge Technique soon, and that no pains will be spared to produce a champion team. The squad has been in the sunny South for a week, but no one has seen any sun yet. The Freshman advance agent reported a fine diamond in the town, but the men have not seen it yet as it is five feet under water. It has rained steady for six days, and if it rains tomorrow the squad will have to move to the church steeple, in order to keep their feet dry.

The first real practice was held yesterday in the Town Hall, but so many windows were broken that the team can not afford to train there any more. The only other place that can be used for a baseball cage is the gymnasium of the Young Ladies' Seminary, and if the young ladies can be induced to cancel their basketball game, practice will be held there today.

Captain Weight has been putting the men through a most severe course of training. As the ground is worse than Tech course around the pig pens, there can be no cross-country running, so the captain makes them row a scow for six miles in the flooded streets. They already have the crew beaten by over ten lengths. After this they are made to chop wood for two hours, and then study English. Studying English gives them great mental development, so that they can think quickly in a close play. After practice everybody is supposed to spend at least three hours helping to make fudge at the Seminary. In the evening they listen to Hammie's talk on Australia.

The pitchers have had a good workout, because they have been able to toss the ball in their rooms. Kandler and Dary have shown up the best in this position. Kandler found a four-leaf clover, and is sure he can win his

(Continued on Page 3.)

THE PRIMARY CELL.

Professor Goodwin in his Electrolysis lecture yesterday afternoon treated the problem of converting the heat energy of a chemical reaction into electrical energy. Taking a few familiar chemical reactions he showed the method of determining the electrical value of each, pointing out the essential condition, that of separating the reacting substances. Too much emphasis cannot be laid, he said, upon this principle of keeping one component at one electrode and introducing the other component at the opposite electrode. To illustrate this point he briefly explained the Daniell cell, the gas battery, and the types based on oxidation and reduction.

After speaking of the use of carbon as one element of a battery, Professor Goodwin discussed concentration cells, in which the phenomenon of diffusion is utilized for the production of an electromotive force.

NOVEL ENTERTAINMENT IN UNION TONIGHT

Countries to Give Representative Exhibitions of Native Amusements.

At 8 o'clock this evening the Cosmopolitan Club will give its Joint Night entertainment in the Union. Each national committee will furnish one or two numbers which are characteristic of the countries they represent, and entirely new to most Technology students. The program follows:

1. Shuttle-cock game, by Mr. T. P. Hsi.
2. Mouazzen Call, by the Turkish students in their native costume.
3. Chinese Flute, by Mr. T. C. Hsi.
4. Lecture on Australia, by Mr. L. H. Lehmaier.
5. Japanese sword-dance, by Mr. Suzuki.
6. Maori War Cry, by the students from Australia and New Zealand.
7. Coon Stories, by Mr. F. Z. Gordon.
8. Jiu-Jitsu and Japanese Fencing, by Captain Goto of the Japanese Navy, Mr. Suzuki and others.
9. Guitar and Mandolin numbers, by Messrs. Colley and Parker.

The club has been working for some time on the plans for this entertainment, and it is due to the splendid co-operation of the chairmen of the various committees that they have been able to present such a novel program.

JERSEY MEN MEET.

Much Interest Shown at Meeting Yesterday Afternoon.

The students from New Jersey who are interested in the formation of a State club met yesterday in 14 Pierce. The meeting was called by several Seniors who wished to ascertain the general feeling of the New Jersey men concerning the advisability of forming such an organization. Those present were much interested in the idea, but voted to postpone any positive steps until a few more men had been heard from.

As it is quite possible that the men who were unable to attend the meeting today will wish to have some voice in the organization of the club, a meeting will be held Thursday, at 5 o'clock. The present aim of the club is social in character, giving those men whose home is in New Jersey a chance to get together and become acquainted.

CREW PRACTISES TODAY.

The Crew tried out the new eight-oared shell yesterday afternoon, and from the candidates Manager Gere has decided to have the following men report today at 3 o'clock sharp: Short, Upham, Howkins, Shurtleff, Perrin, Beale, Swett, Gere. Tettengill will probably act as coxswain on this shell.

All candidates who can turn up this afternoon at the same time will be given practice in one of the four-oared shells.

The reorganization of the Chess Club shows that there is plenty of spirit in the Institute.

TEAMS FORMED FOR INTER-COURSE RACE

Courses Are Grouped Into Three Squads For Contest This Afternoon.

The entries for today's Inter-Course race have been considered and the different courses represented arranged to form three teams which should prove pretty evenly matched. It was found advisable to join Courses 1 and 3, and 2 and 6, respectively, and place all other courses in a third team. This third team will probably be made up for the most part of runners from Courses 4, 10 and 14. The first team will rely on the work of Lee, Peaslee and Lovell. Among the best runners for the second team are Wilkins, Hill, Best and Bassett. Nye and Shedd will make an exceptionally strong pair for the third team, and Atwood should also be able to help its chances.

The runners will probably find the course in poor condition. When the squad ran over it on Wednesday they found it wet and muddy, and the weather since then has not been such as to improve its condition. In spite of this unpleasant outlook there has been a good number of entries. For many of the men this will be the first experience in cross-country racing, and it may develop some good new material. The race should be especially interesting to the two lower classes as they will have by far the most men in the run, and today will show what may be expected of these men in the Freshman-Sophomore race next week.

The first five men to finish for each team will score. The first six men in are to receive official Hare and Hound badges. The train leaves the Back Bay station at 2.35.

CIVIL SOCIETY TRIP.

Large Number of Members Expect to Make New York Trip.

The Civil Engineers are signing up and making preparations for their New York trip. The men will leave next Wednesday, and go to New York by way of Fall River, arriving at their destination at 7 o'clock Thursday morning.

The first day will be spent in visiting the Brooklyn Bridge and other bridges along the East River.

On Friday a trip will be made up the Hudson River to the new aqueduct and the Croton Dam. The whole day will be spent in inspecting these structures.

On Saturday the members will have a chance to visit the new Grand Central Station. Other stations and docks will also be examined.

The trip will be under the guidance of Professor Moore of the Civil Engineering Department, who will be able to explain the various structures in the light of extensive professional knowledge.

At the present rate of increase in the exportation of manufactured articles from the United States it is estimated that the total value of this year's exportations will exceed a billion dollars.

No more D's after tomorrow?

LAST DAY FOR TECH SHOW APPLICATIONS

Many Good Seats at the Boston Performances Still Untaken.

After 5 o'clock this afternoon no more applications for seats at the Tech Show, 1912, will be honored. Thereafter the Show management wishes that all students would try to make special effort to have them in on time. This is positively the last chance to get on the classified list, as all seats after next Saturday afternoon are to be sold at the box office.

The Freshman class has been noticeably delinquent in applying for seats. Any number of good seats are ready for them, and it is to their advantage to apply before this afternoon. The applications in at present leave many good seats untaken. The Shubert Theatre is so modeled that an excellent view of the stage can be obtained from all parts of the house.

The Publicity Department has recently sent out some twenty-five hundred advertising circulars, and in the next two weeks expects to make special trips to Northampton, Mt. Holyoke and Malden, posting the towns and making preliminary arrangements.

SOPHOMORES' PRACTICE.

Baseball Men Will Report at Field This Afternoon at 3.

The Sophomore baseball team will hold its first practice this afternoon at the Field. The ground is in bad condition, and the work will be light. Most of last year's men will be out, but new men will get the same show as the old ones. The manager wishes to see the whole squad at the Field this afternoon. Practice will commence about 3 o'clock.

The battery candidates have been practicing for three weeks at the Gym, and are all ready to start the season. Harris has shown up the best of the pitchers. He has a lot of speed and a large assortment of curves. Morrison is another good man.

H. Storke has been doing the best catching. His arm is in fine shape, and he is throwing the ball to second with sure aim and with good speed.

Now that members of the Civil Engineering Society are about to make a trip to New York, it may be of interest to know that the Seniors taking the Engineering course at the Stevens Institute of Technology started on a somewhat similar trip yesterday. They are to make a ten-days' inspection of the Electrical and Locomotive works at New York, Schenectady, Niagara Falls, Buffalo and Pittsburg.

CALENDAR.

In Charge of S. H. Taylor, 1914.

Saturday, March 30.

1.00—Last Chance to Sign for Prom—Union.

2.35—Hare and Hounds' Run—Back Bay.

8.00—Joint Night, Cosmopolitan Club—Union.

Applications for Show Tickets due.

LAST SIGN UP FOR PROM! 1 P. M. TODAY

THE TECH

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SATURDAY, MARCH 30, 1912

IN CHARGE OF ISSUES.

Monday Editor—M. Paris, 1914.
 Assistants—E. W. Mann, 1914; S. Berkowitz, 1915.

AN EXAMPLE.

Have Course 2 men more spirit than the men in the other Courses, or is the Mechanical Engineering Society organized in a better manner than the rest of the professional societies around the Institute? We ask this question because the M. E. Society this year has been most successful in all its undertakings.

Everything seems to have gone off well. The banquet was a huge success, the fellows paid their dues not only as a matter of duty, but also because they felt it was worth their while, and knew they were getting something out of it. All the trips have been chosen with common sense, and the attendance accordingly has been beyond expectation. The society has set a precedent for other societies to follow in the way in which it has fostered the presentation of thesis by the Seniors. This is a truly excellent idea, and this chance given the men of presenting their papers encourages comradeship in research work.

The society works hand in hand with the staff, and this, of necessity, must aid both professors and men. The banquet, as we said above, was a great success, and was held by many to have been the best society dinner ever run by any Course.

Why can't the other Courses help their societies in a like manner? We can call to mind two instances lately which are disgraceful, namely, the last meeting of the Mining Engineering Society, and the recent trip of the E. E. Society to Watertown. At the first named a professor from another college went to a lot of trouble and inconvenience to give a lecture. Notices were posted on all the bulletin boards and ample warning given the men. What was the result? Only thirteen men turned up at the meeting, and out of that number four were officers in the society. In the other case, the trip to Watertown, the attendance was exactly eighteen men—truly a phenomenal number out of the large enrollment in Course 6.

The excellent example given by the Course 2 men should be taken to heart by the men in other Courses and their societies should accordingly benefit.

REORGANIZATION OF THE CHESS CLUB

Officers Elected in Yesterday's Meeting—No Outside Games This Year.

The Chess Club held a meeting yesterday afternoon in one of the lecture rooms in Engineering C. About a dozen men were present, many of whom had not been members last year, and it was finally decided to completely reorganize the club.

The first business before the meeting was the consideration of the resignations of the former president and secretary-treasurer, which were accepted. The following officers were then elected: President, Mr. Baker; Vice-President, Mr. Brown, and Secretary-Treasurer, Mr. Merrill. They immediately assumed their duties, and plans for the future activity of the club were discussed. It was suggested that matches be arranged with clubs of the large colleges in this vicinity, but this was decided to be impractical, as the time before the end of the year is so short and the officers cannot judge at present what our men are able to do. A team from the Institute would be greatly handicapped by the fact that in other schools there are a much larger number of men interested in the game. The members then voted to have a tournament among themselves, in order to give the men both pleasure and experience. The secretary was instructed to procure the tabular views of all the players and arrange the first game between them. The subsequent matches, however, will be arranged by the individual contestants and the results reported to the officers. As many members as possible will meet in the Union at 4 o'clock every Friday, when some of the games will be played and the previous ones may be discussed. Certificates of membership, which are necessary for obtaining chess men and boards at the Cage, will be ready the first of next week.

PRINCETON WINS DEBATE.

Princeton was victorious over Harvard in a debate which was held last night in Sander's Theatre, Cambridge. The subject in question was: Resolved: That the United States Should Accept the Principle of Monopoly Control of Industry and Regulate Control of Prices in All Cases where the Monopoly Has Been Brought About by the Operation of Economic Laws.

President MacLaurin was one of the three judges at the Cambridge debate. After twenty minutes' conference the judges reached a decision in favor of Princeton, the voters standing two to one.

BISMUTH PRODUCTION.

The commercial value of bismuth can be better appreciated when one hears that some Colorado mines formerly worked for their gold and silver contents are yielding much greater revenue from the extraction of the bismuth instead. At present the demand in this country far exceeds our own output, and prices are said to be controlled by a foreign syndicate.

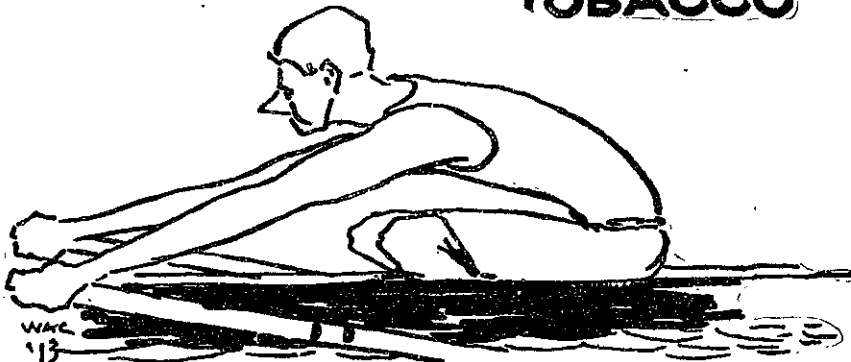
In the electrolytic process of lead refining the recovery of the bismuth is both easy and profitable. With the spread of this process of refining the price of bismuth and the very essential surgical dressings made from its compounds ought to be lowered considerably.

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ORCHESTRA WILL PLAY IN SPRING CONCERT

Signs Contract and Complies With Demands of Musical Clubs.

When the Manager of the Technology Orchestra signed the contract which is printed below, all points of disagreement between the Musical Clubs and the Orchestra were satisfactorily settled. The question as to whether the Orchestra would play in the Spring concert on April 17 has been a difficult one to decide, but the contract drawn up by the Manager of the Musical Clubs has brought the issue to a close.

The Institute Committee is in sympathy with the manner in which the problem has been settled. No demands are made of the men who play upon the Orchestra with which the musicians on the Glee and Mandolin Clubs do not have to comply.

The following is the contract:
Contract between the M. I. T. Combined Musical Clubs, party of the first part; and Technology Orchestra, party of the second, for concert to be given at Copley Hall on the evening of April 17, 1912.

The Orchestra is to consist of men who are enrolled as students at M. I. T. The Orchestra is to give two numbers on the program. The first number without encore, and the second to consist of a double number without encore. These numbers to be the first number on the program and the first number after the intermission, respectively. The entire playing time to be allotted to the Orchestra to be twenty minutes.

Orchestra to be on the stage ready to play at 8 o'clock, and to start playing by 8.10 o'clock, at the latest. In case this clause is disregarded the Musical Clubs reserve the right to omit the first number. All men in the Orchestra to wear the customary dress of the Musical Clubs, consisting of dress suit, white vest and white tie.

Members of the Orchestra will be given free admission to the hall, but will receive no complimentary tickets or other compensation.

Members of the Orchestra desiring to obtain tickets may reserve seats to the number of two per man, the price for these seats to be one dollar each. These seats will be held and may be obtained at the door the night of the concert. Owing to the reduced price, these seats can only be used by the members of the Orchestra reserving them, and cannot be obtained in advance. If presented by others they will not be accepted.

This contract is to act in no way as a precedent and refers only to the evening in question.

A list is to be sent to the Manager of the Musical Clubs the day before the concert, at the latest, of all the men in the Orchestra, in order that he may know who has the right to the reduced rates on seats.

In order for this contract to be valid, it must be signed and notice sent to the Manager of the Musical Clubs by or on Saturday, March 30.

Selections for the program and list of officers must be given to the Manager of the Musical Clubs by or on Tuesday, April 2. This is necessary in order that the program may go to press.

PRACTISE IN SOUTH.

(Continued from Page 1, Col. 1.)

games with that in his lapel.

Mitman is a star catcher. He gets them down to second every time with only one bounce. He is improving every day, and hopes to hit Gypsum, who is playing second, in the head when he gets a little more distance. Wann may get the first base position, but has been unable to practice yet because some one has run off with his glasses.

Tarratt, Baylor and Roote have the best chance to get the field positions. Each one caught a real fly yesterday without the bushel basket, which they have been using up to this time. Loveman was the best choice for third until he refused to divide up a five-cent piece of chocolate with which he was discovered, and now nobody will throw the ball to him.

With a few days more of practice the squad will be in the best of condition, and Technique may expect a challenge any day.

The Electricals were very much disappointed when they were unable to find that new electric furnace at the arsenal.

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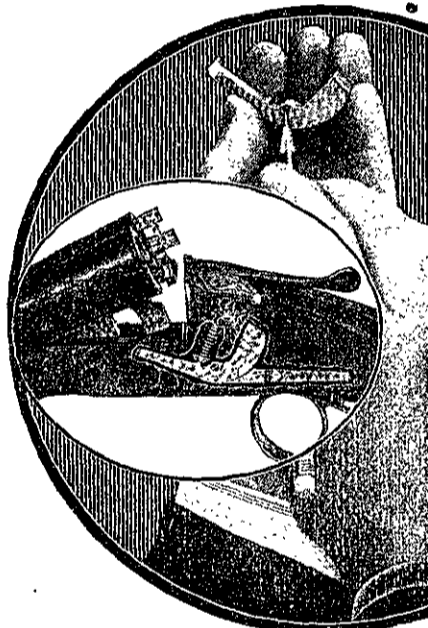
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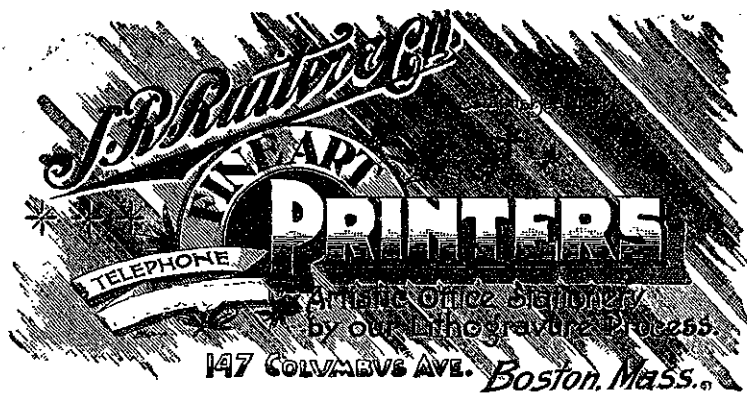
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SPRING CONCERT OF MUSICAL CLUBS.

RESERVED SEATS may be applied for by leaving notes at Cage for General Manager, Musical Clubs.

After April first a public sale will be held in the Union during noon hours.

Advance dance orders may now be had at the Cage.

W. H. BROTHERTON,
Asst. Gen. Mgr. (121-6t)

FRESHMAN GYM.

The gymnasium exercises in Physical Training will close this term on Friday, April 12th. All deficiencies must be made up within the next three weeks.

During the last two weeks of exercises assignments will be made by Mr. Kanaly for physical measurements to be plotted on the charts.

Award of Cabot Medals, based on these reports, will be made by the committee before the end of the term.

ALFRED E. BURTON,
Chairman Faculty Committee on Physical Training. (132-3t)

THEATRE AND OPERA TICKETS, TAILOR, PHOTOGRAPH AND FLORIST trade for sale. See the Business Manager of THE TECH and buy good articles at cut prices.

EVERY SATURDAY evening is college night at Champagne's All-College Dancing Parties, held from 8-11 o'clock in Lundin's Gymnasium, 42-44 St. Botolph Street. These dances are exclusively for the students of Greater Boston and will be carefully chaperoned by members of the various college Faculties. Subscription: 50c for gentlemen and 25c. for ladies. Refreshments and Full Orchestra.

LOST—Technique, 1913, sign-up slips, numbered from 1433 to 1440, inclusive. If found please return to the Technique office at the Union. If these slips are not returned they will not be honored. (135-6t)

TECHNIQUE, 1914.
Competition for Cut Editor and Assistants. See Committee, 42 Pierce, at once. (136-3t)

LOST—A slide rule; reward on return to Cage. G. M. Rollason, (136-1f)

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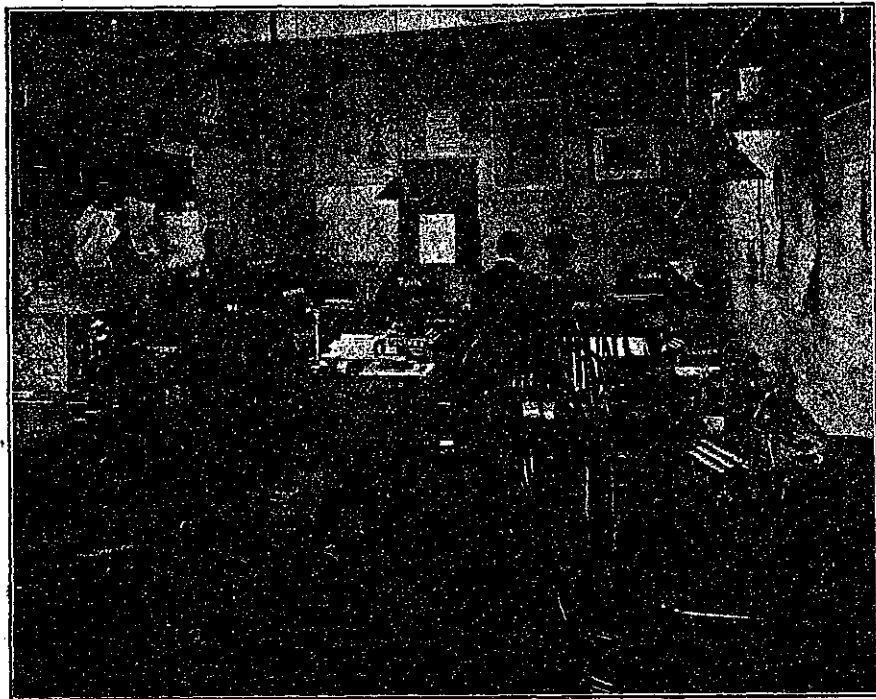
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