

THE TECH

VOL. XXXI. NO. 30

BOSTON, MASS., TUESDAY, OCTOBER 31, 1911

PRICE TWO CENTS

SOPHOMORE BALLOTS NOW READY AT CAGE

Ballots Must Be in Friday Noon at the Cage with Dues Paid.

The 1914 ballot for class elections has been published, and is ready for issue. One name, that of G. C. Shedd, for president, is put on with a rubber stamp, as the nomination was overlooked in preparing the ballot.

The nominations for President are: A. C. Dorrance, T. H. Guething, P. B. Owen and G. C. Shedd. Those for Vice-President are: F. B. Barnes, F. L. Hurlburt and W. R. McEwen. The men out for Secretary are: R. F. Barratt, F. P. Karns, H. L. Stone and P. H. Taylor. For Treasurer the following names appear: D. R. Dixon, L. F. Hamilton and A. T. Wyman. These are the offices for which one man each is to be voted for.

For the Institute Committee the following men have been nominated: S. H. Harper, A. D. Hiller, E. W. Mason, J. C. Morse, R. W. Moorehouse, M. Paris, A. H. Waitt and G. W. White. For the Executive Committee the following are the men: C. P. Fiske, H. A. Mayer, R. V. Townsend, R. E. Wells, Jr., G. E. Whitwell, F. Whitten, Jr. These names appear for the A. A.: C. D. Bryant, T. L. Chase, C. E. Fox, H. L. Gardner, H. A. Morrison, A. F. Nye, C. F. Ruoff and J. M. White.

Of the above nominees THE TECH files give some information. The presidential candidates have all been prominent in affairs. Dorrance is a class football player, Guething is star short distance track man, Owen was treasurer of the class last year, and Shedd is a speedy cross-country man.

Barns, candidate for Vice-President, is a captain in drill this year; Hurlburt is a hockey team man and comes from Williams, and McEwen was on the Glee Club and Show Chorus. Barratt, one of the men for Secretary, is on THE TECH staff; Karns was in the Show Chorus, and Stone has played class basketball. Of the men for Treasurer, Dixon was on the Show management, and Hamilton is captain of a company at drill.

Among the candidates for Institute Committee are A. D. Hiller, who has been in the Show Chorus; R. W. Moorehouse, a football man; M. Paris, former Institute editor of THE TECH, and A. H. Waitt, who is now an editor of THE TECH; G. H. White, a class track manager.

For the Executive Committee is C. P. Fiske, an Athletic Association man, as well as a tug-of-war manager; G. E. Whitwell, publicity manager of Tech Show, and F. Whitten, Jr., a Show principal and Gym team man.

Of the Athletic Association candidates, Bryant is a football man; Chase, an Athletic Association and track man; Fox is on the football team this year; H. L. Gardner was on the track team last year; H. A. Morrison is a football and Show man; A. F. Nye is a cross-country team man; C. F. Ruoff, basketball and football player, and J. M. White is assistant track manager.

The fellow who gets up in the Union Dining Room and goes to the butter bowl every few minutes ought to get a job as a waiter. He makes a good "Butter in."

E. T. Marceau is showing up well in the distance events. He finished the three-mile Saturday like a 100-yard dash.

SOPHS GETTING FINAL FOOTBALL PRACTICE

Hard Work Shown in Practice Yesterday Afternoon At Oval.

From 4 o'clock until dark halted their work, yesterday afternoon, the 1914 football team were continually on the go. The work consisted of either a scrimmage with scrubs, signal practice, or running down under punts. Coach Blake is going to give his men a lot of good hard work this week, and they are getting after it already.

Thompson, who was a member of the Dartmouth squad and played on last year's Freshman team, is out for a position in the line. Storke, Hines, Mackintep, Henderson and Morrison are out for the end positions. Storke seems to be the best man in this position, with Hines and Henderson pushing him hard. Morrison and Henderson have been out of the game with slight injuries, but will be all right for Friday. Burnham, Duffield, Brown, Crowell and Claverly are the men trying for tackle. They are all working hard for the two places with about even chances. Burnham is a sure tackler and Duffield is of the same type, but he plays a little high. The guard positions will be filled from the following men: Ruoff, Moore, Hardy and Thompson, with a slight chance in favor of Hardy and Ruoff. Hardy is also a fine punter. Any of the other men are likely to displace these two, however. The passing of Morgan and Benjamin is on a par, and they will both get in the game Friday.

Both Mitchell and Williams are excellent quarterbacks. In the absence of Mitchell, who has been out with an injured rib, Williams has been showing good generalship. Of the backs, Captain Bryant heads the list. His line plunging is not easily stopped. Fox and Merrill are also sure ground gainers. Rogers, Van Eiten and Harris are also doing fine work and will probably be in the lineup at some time during the game.

JUNIOR CLASS DINNER.

Will Be Held in Union November 9th—Vaudeville Arranged.

The Junior Class dinner will be held Thursday, November 9, in the Union. This dinner is customarily held at the close of the elections, but this year it was omitted.

The committee in charge announces not only a dinner but also an interesting program of speeches and a vaudeville show. Some Faculty members are expected, but their names are not yet announced. Furthermore, some of the class members will regale the diners with song, and the committee has some stunts by classmates that they are not ready to divulge.

Tickets for the dinner are for sale at 75 cents each by the following men: G. P. Capen, J. G. Russell and W. A. Gentner, who form the committee. Besides these men there will be a representative in each course with tickets. Souvenir cigarettes and cigars are an added inducement to attendance. The committee will make further announcements in later issues of THE TECH, and desire men to purchase tickets immediately.

New course in knotty-cal engineering!

AERO CLUB HEARS STABILITY DISCUSSED

Lehmann Talks on Equilibrium—Phugoid Theory Given By Thomas.

The Aero Club held its first open meeting this season yesterday afternoon. The members gathered in the Union and later adjourned to the Lowell Building. There were only a few members present, and F. W. Caldwell occupied the chair.

The first speaker was Mr. Lehmann, president of the club. He discussed equilibrium, the elements affecting it, and the counteraction of its disturbance. He accompanied his talk with diagrams, and passed around among those present illustrations which he had collected.

Mr. Thomas then offered as his subject the theory of Phugoid Curves. This theory deals with the effect of sudden change of wind velocity on the stability of a machine in flight. Upon request he made mathematical deduction of the curves, covering a large blackboard. Mr. Thomas made quite an impression with his diagrams and elaborate calculations.

The chairman then brought up for further discussion one or two points which Mr. Thomas had touched upon, and the meeting adjourned. For the next meeting of the club, which will be held a week from Wednesday, a paper has been prepared on stresses in aeroplanes. Mr. Caldwell will also bring up the subject of propellers.

SPEAKER CHOSEN.

Rev. H. W. Stebbins for T. C. A. Meeting Thursday.

The fourth regular meeting of the Technology Christian Association will be held at the usual time, 1.30, Thursday, at the Union. The speaker for this week is the Rev. Herbert W. Stebbins, chaplain of the Massachusetts State Prison, Charlestown, a speaker by no means unknown to Institute audiences, as he has spoken here before under the auspices of the Christian Association. His subject is: "The Building of Character Behind Prison Bars."

Mr. Stebbins's abilities as a speaker are surely widely enough recognized here in the Institute to obtain for him the banner attendance of the year. Any one who has heard him previously and knows that he will give the fellows an interesting and instructive talk on Thursday should not fail to do a little missionary work among his associates, and to remind everyone he meets that all roads lead to the Union on Thursday noon.

BIOLOGICALS' DINNER.

The Biological Society is to hold a dinner in the Union at 6 P. M. tomorrow. The dinner is to be preceded by a meeting of the society, when some regular business will be transacted.

Professor Sedgewick, of the Department of Biology, and Professor Porter, of the Department of Sanitary Engineering, will be the main speakers of the evening. It is hoped that Mr. Blachstein, of the German Department, and Professor Talbot, of the Department of Chemistry, will also honor the society with their presence.

Do you "catch cold without your cane?"—"T. T. R."

FIRST REHEARSAL FOR "TECH NIGHT"

"The Three Romeos" Opens At Colonial—Starring Ethel Cadman.

Everybody at the 'State remembers "The Arcadians" of "Tech Night" fame a year ago, and most of us saw "The Follies," so to say that Ethel Cadman, the "real" Arcadian, and Shirley Kellogg of "Dixie" fame in "The Follies," together with Georgia Caine, head the list, is enough.

"The Three Romeos" is a light, clever musical comedy with pretty dresses (to say nothing of the girls inside) catchy songs and a real plot. The lines are bright and the constant play of both word and expression is more than funny.

As for songs, all Tech needs (now that we have a site) is to hear Ethel sing "It's Nice to Have Some One to Love You." We might add that she can also sing "A Lily and a Rose" in a way that wins every heart. Georgia Caine scored a big hit with her feature song, "Looking for a Girl Like You."

Shirley Kellogg is the same old girl, crazy as ever, and singing another "Moonlight" till they had to plead with "Miss Leatherlungs" to refrain.

And the chorus—well, you're all going Friday, so we'll leave that till then. But their dresses—say! Those girls do make some "lilies."

As a Prexie, though but of an academy, Fred Walton rivals the best in the land. He should find a soft berth at Tech any time he gets too lazy to stay on the stage. Are there any Profs here who know what are a Hindoo Quail? Well, Fred says it is ———. Yes, of course, you will know—after "Tech Night."

The electrical effects are brilliant, and the stage, set as it is with flowers, is a second Garden of Eden with "Chrysa" of old as the most beautiful flower. Truly, the best of shows for "Tech Night."

GLEE CLUB MEMBERS.

The Glee Club is a little ahead of the Mandolin and Guitar Clubs, inasmuch as the final and inevitable cut in members has already been made, thus allowing the real work to be started. When the first call for singers was made about seventy men responded. With very little difficulty the number was reduced to thirty-seven, and then came the real business of deciding who should remain on the club, as its membership is limited to twenty. The permanent list of members as announced yesterday is as follows: Leader, K. C. Robinson; manager, R. D. Salisbury; members, 1st tenors, Tellman, Wagner, Morton, Moulton, Glidden; 2nd tenors, McEwen, Berger, Derremus, Crommett, Jeffers; 1st basses, Pederson, Brett, Whitman, Morrison, P. Shedd; 2nd basses, Wood, Holmes, Warner, Taylor, Townsend.

CALENDAR.

Tuesday, October 31, 1911.

- 3.00—Track Practice.
- 4.15—Relay Team Practice.
- 4.15—Mandolin Club Rehearsal.
- Wednesday, November 1, 1911.**
- 3.00—Track Practice.
- 4.15—Relay Team Practice.
- 6.00—Biological Social Dinner—Union.
- 8.00—Catholic Club Meeting—Union.

THE TECH

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TUESDAY, OCTOBER 31, 1911

IN CHARGE OF WEDNESDAY ISSUE.

Associates—R. F. Barratt, 1914.
 S. H. Taylor, 1914.
 E. B. Goodell, Jr., 1915.

The Union House Committee have at their disposal a complete file of Techniques, for the keeping of which there is in the large room of the Union a bookcase. These Techniques have rested peacefully in the Cage for the past five weeks, and their appearance surely cannot be improved by keeping them there. If the key is lost why not spend a few cents and thus save a set of books which it would be impossible to duplicate? If it is pure negligence, would it not be a good plan for the one in charge of the books to get busy and do something?

Another thing the House Committee might add to the equipment which would aid both the appearance of the Union and the users thereof is a couple of combs and brushes. If they find difficulty in keeping the aforesaid tonsorial utensils, nail them down. We feel, however, that nearly everyone has become remarkably honest since the villain was discovered defrauding the peanut machine.

Professor Robinson certainly hits the nail on the head in his communication published in this issue. Why shouldn't the students have a chance to fraternize with such members of the Faculty as are willing to sit at the same table with some of the undergrads? In regard to the professional societies and others forming a clique, it seems that it would be of advantage to everyone if less cliquing were present at Technology. Finally, we wish to thank Professor Robinson for the stand that he has taken in this matter, and hope that some of the other members of the Faculty will express their opinions to us for publication.

RELAY CAPTAINS CHOSEN.

L. A. Wilson Elected by Sophs—
 Hann By Freshmen.

Yesterday the Sophomore and Freshman relay teams chose their captains. L. A. Wilson, one of the fastest hundred yarders in the Institute, was chosen captain of the Sophs. Francis Hann, who has distinguished himself both at Brookline High and Andover during the last four years, was selected as captain of the Freshman team.

The teams started on their last week of preparation for the clash on Field Day. The men on both teams are in good condition and before Friday will reach the top notch; 1915 had a masseur on hand who took all the kinks out after the men got through. The Sophomores will probably get their rubber in a day or two.

The work yesterday consisted mostly in flag passing practice, sprints and a jog at the end. Heats of 220-yard dashes were run to decide the makeup of the teams. In the races the Freshmen were well bunched, while the Sophomores were scattered at the finish; 1914 ended their day with a short relay race around the track between sides formed from among themselves.

Coach Kanaly wants every man on both squads to report as soon as possible each day this week. He emphasizes the fact that each team must practice together so the team work, so valuable in a relay race, may be perfected.

Captain Hann, 1915, wishes every man to report Tuesday at 3.30 P. M., in order to have a thorough drill in flag passing. Six or eight of the men pass right, but the remainder must brace up. The Sophs are getting the passing fairly well, and as soon as the running order is decided, will put on the finishing touches.

BROWN BEAR STOPPED SHORT BY HARVARD

Game in Stadium Saturday
 Showed Great Improvement on Crimson.

Before twenty-five thousand people, a record-breaking crowd for this game, in the Stadium on Saturday, Harvard defeated Brown in a game that showed decisively that the Crimson was the master of the day. Upsetting all calculations and showing a most remarkable increase in form over the work against Amherst, Captain Fisher's men went into the game, and in five minutes had easily demonstrated their power.

Brown, although having the best team ever, did not have the strength either of offence or defence to cope with the best of the Crimson's team. Sprackling played a hard game, fighting for every inch and every goal, but his line could not stop the attack, nor could they keep cut their opponents when on the offence.

Harvard's tackling was sure and hard, and took the life all out of the Brown back field on the kicks, and was a very great feature of the improvement in the team. The line charged hard and together as a unit, being under the play every time. This again showed the work that the team had been through since the last time they showed in the Stadium. And in following the ball they showed real football instinct, for whenever there was any chance for a fumble there was a Crimson jersey right there waiting.

In team work there was a great difference over the previous games, for Saturday the men were off together on the signal, giving almost perfect interference and opening up holes through the line big enough for a coach and four. The work of the backs was also different in that the star was Campbell, and not Wendell. Wendell was having an off day, for he could make no consistent gains, and Campbell was going through tackle and around the end for long gains on nearly every play.

The fault of the team on Saturday, as ever, was their continued breaking of the rules and the penalties that were sure to follow. In the first half they lost sixty yards for holding in the line, and spoiled practically every good play by work of this sort. This is a very glaring fault and one that can easily be corrected.

The open play that Brown was ex-

Continued on page 4

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 as reported to the Comptroller of the Currency.

RESOURCES

| | | |
|-------------------------------|-----------|-------------------------|
| Loans and Discounts | - - - - - | \$ 51,556,613.22 |
| Investments | - - - - - | 11,629,453.33 |
| Due from Banks | - - - - - | 17,065,681.11 |
| Exchanges from Clearing House | - - - - - | 4,728,951.32 |
| Cash | - - - - - | 11,279,205.11 |
| | | <u>\$ 96,259,904.09</u> |

LIABILITIES

| | | |
|-------------------------------|-----------|------------------------|
| Capital | - - - - - | \$ 3,500,000.00 |
| Surplus and Undivided Profits | - - - - - | 5,813,181.57 |
| Reserved for Taxes | - - - - - | 147,009.87 |
| Circulation | - - - - - | 834,097.50 |
| Deposits | - - - - - | 85,965,615.15 |
| | | <u>\$96,259,904.09</u> |

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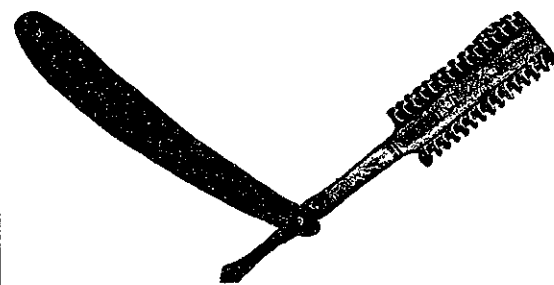
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FRESHMAN FOOTBALL
MEN READY FOR FRAY

Team Strong On Offense and
Has Good Kickers—Squad
Is Rather Heavy.

The Freshmen are putting on the final touches to the working of their already well developed football team. Their line is fairly heavy, averaging about 165 pounds, and is well suited for the close game which they play almost exclusively. The Sophs play, in general, the same kind of a game, so there is sure to be vigorous line plunges next Friday.

The team has almost enough backs to make an eleven. Of these, Scully, McDevitt, Hadley, Morse and Hawgood are the most promising. O'Brien, who has not been with the squad for the last few weeks, is out again, and will be a valuable addition to the back field. Lee is playing a star game at tackle, while McDevitt and Morrison are doing some fine kicking. Howlett and Morrison are taking care of every thing that comes around the ends.

Taken as a whole, the 1915 team compares favorably with the Sophs. The Freshmen are stronger on the offensive than on the defensive, and this will be to their disadvantage, as the Sophomores play a strong offensive game.

AGENCIES OPEN.

T. C. A. Offers Opportunities
For Employment.

The Graduate Secretary of the Christian Association has on hand a few good opportunities to earn money for fellows endeavoring to pay their way through the Institute. Letters are received from time to time from firms wishing to introduce their goods, and apparently thinking that the Association is the readiest means by which they can obtain selling agents. The best the Association can do is to make it known as generally as possible that these opportunities are open and that all information it possesses will be gladly furnished to anyone contemplating undertaking any of this work.

At present three firms offer commissions on the sale of various articles, including college and fraternity goods and a patent flexible book-rest; also Doherty Company desires agents to sell their Slide Rule Attachment for Engineers. Further particulars may be obtained by calling at the office of the Association, Room 5, Eng. B; also from the notices posted on the bulletin board just outside the office door.

COMMUNICATION.

October 30, 1911.

To the Editor of THE TECH:
It seems to me an eminently sound and wise position which you take in the editorial of October 30, entitled "Union Innovations." I regret to see, not only an instructors' table, but even one reserved for the Civil Engineering Society. If it is necessary to classify Institute men while they eat, I wish the principle of classification could at least be less academic. There might be some gain from such temporary labels as "Freshman Tug-of-War," "Supporters of the Irish Players," "Adherents of Governor Foss," or "Business Managers of Tech Activities."

Even under this system it would be well for the teacher to sit where accident dropped him. The depth of the neutral zone of vacant chairs existing round him will enable him to determine how far the vibrations of his astral man can be felt beyond the space occupied by his physical body.

A. T. ROBINSON.

The track team needs weight men badly. Can you help it out? If so, why not?

Velvet

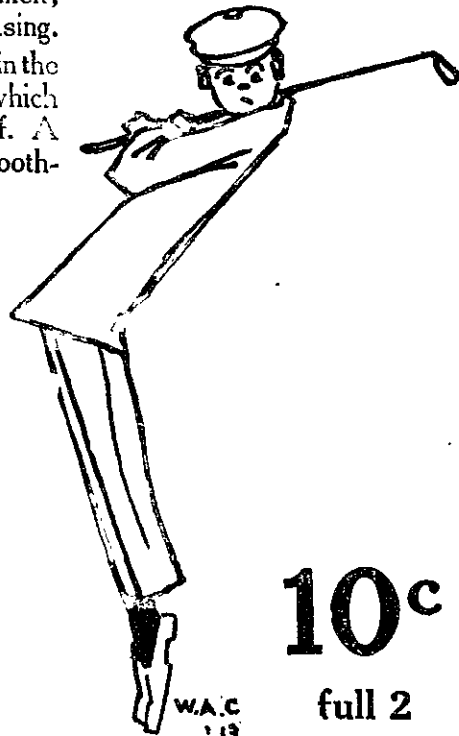
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There is room for several more men in the News Department of THE TECH.

FOUND—A raincoat. Owner may have the same by applying at the Bursar's office.

LOST—A bunch of keys at Tech Field. Reward for return to Cage. (30-3t)

October 21, 1911.
By vote of the Faculty the exercises of the Institute will be suspended on Friday, November 3rd, after 12 o'clock, for Fall Field Day.
A. L. MERRILL, Secretary.

LOST YOUR RAINCOAT?

The Bursar has a number of valuable raincoats in his office that he would like to have claimed. (By the owners of course.) Will the men to whom they belong be kind enough to come around after their belongings and find some other place to store them?

BROWN-HARVARD GAME

Continued from page 2

ected to show came out in the second quarter, when, with the ball two yards from the side line, Sprackling threw a clean pass to Asbaugh right on the line. Then on the next play he repeated to the same man on the other side of the line, netting forty-five yards on the two plays, the cleverest seen in the Stadium this year. Harvard tried the pass four times but never with the success shown by the Brunonians. They confined their tricks to a delayed pass that was almost sure to bring a gain through the Brown tackles.

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