

THE TECH

VOL. XXX. NO. 49

BOSTON, MASS., FRIDAY, DECEMBER 2, 1910

PRICE TWO CENTS

ALL-AMERICA ELEVEN DIFFICULT TO PICK

Intricacies of the New Rules
Eliminate Several Former
Stars.

HARVARD HAS FIVE MEMBERS.

But One Westerner Is Included in
the Annual Selection of
The Tech.

THE TECH'S ALL-AMERICA FOOTBALL TEAM.

L. E.—Kilpatrick.....Yale
L. T.—McKay.....Harvard
L. G.—Fisher.....Harvard
C.—Cozens.....Pennsylvania
R. G.—Benbrooke.....Michigan
R. T.—Withington.....Harvard
R. E.—L. D. Smith.....Harvard
Q. B.—Sprackling.....Brown
L. H.—Wendell.....Harvard
R. H.—McKay.....Brown
F. B.—Mercer.....Pennsylvania

It is more difficult than usual to pick an All-America football team this year, due to the working of the new rules. Several stars of former years were made to look very bad this year through the complicated workings of those rules, and for this reason Walter Camp's annual selection is watched with great interest.

Doubtless some of our Western contemporaries will wonder at our choice of but one Western player, but this is in no small measure due to the wealth of star material in the East. The one Westerner chosen, however, Benbrooke of Michigan, was so high above the rest of the players in the position he starred in that he was the only logical candidate for the place.

In choosing the ends of the team there is one man whose work stamps him as the premier end of the season—"Johnny" Kilpatrick of Yale. In both the Princeton and Harvard contests this sterling player was more responsible for the successful outcome than any other man on the Yale team. For the other end we have L. D. Smith, Harvard's best ground-gainer for the season. Smith was sure in his catching of the forward pass, fast down the field on punts, alert for fumbles and difficult to fool on the defense. Other star men for the year include Lewis of Harvard, Daley of Dartmouth and Ashbaugh of Brown.

For the tackles the two Harvard regulars, Withington and McKay, seem to lead. Of the two, McKay seem to have the call, his ability to tear holes in the opposing lines, block kicks and break-up plays, stamping him as the best tackle of the year. Withington, although playing tackle for the first time, quickly acquired a working knowledge of the position and was a terror to opposing kickers. Devore of West Point, Scully of Yale and Paull of Yale are also in the lime-light.

The picking of guards is a comparatively easy matter, since the work of Fisher of Harvard, and Captain Benbrooke of Michigan stands out so prominently. Of the two, Benbrooke, with his 6 feet 3 inches of height, and 225 pounds of weight, coupled with remarkable speed, has the call over his Crimson rival. Fisher, however, has played a consistent and at times spectacular game for Harvard, and has shaded all of his rivals in the East.

One of the most difficult positions to pick on this year's team is center, for Arnold of West Point and Cozens of Pennsylvania seem about of equal calibre. If anything, there is a shade in favor of the Pennsylvania captain, whose work throughout the season has been most consistent. He is rather light, but makes up for his lack of weight in aggressiveness and speed.

For quarterback, Sprackling of Brown, and McGovern of Michigan, are both remarkable players, but

(Continued on Page 4.)

WINTER CONCERT ON DECEMBER 16

Banjo, Mandolin and Glee Clubs
Will Help Make Occasion
a Success.

LIST OF MATRONS.

First Appearance Outside of Institute
For New Orchestra.

On December 16th, at Copley Hall on Clarendon street, will be held the annual winter concert of the Combined Musical Clubs. All the members of the Banjo, Mandolin and Glee Clubs have the advance tickets for sale now, which may be exchanged for the reserved seat coupons, which go on sale Monday, December 5th.

The Tech Orchestra of thirty pieces will make its first real public appearance with the Combined Musical Clubs on this date. This is an innovation, for in former years the two have been kept entirely separate. The winter concert begins promptly at 8 o'clock, and consists of ten or twelve numbers. The complete program has not been fully decided upon, though it is known that some of the following selections, all of which are being rehearsed, will be presented. The Glee Club will present "Sweet Heart," "Sigh No More," "Absent," "Beams From Yonder Star." The vocal quartet will sing "The Mariner's Love" and "Wanted, a Wife;" selections from "Madame Sherry" and the "Charme D'Amour," by the orchestra; the "Normanche March" and "Shining Eyes" by the Banjo Quintette. As a finale, "Dear Old M. I. T." will be sung by the combined clubs.

The concert ends early, for heretofore there have been complaints about the cutting off of the dance. Now it will begin at 9 o'clock and continue through a program of sixteen dances, until 12 o'clock. The Tech Orchestra will give a single overture and the dance music will be furnished by Poole's Orchestra. Dance orders may be obtained in advance on and after Monday, December 5th.

The patronesses of the dance will be Mrs. Richard C. Maclaurin, Mrs. Alfred E. Burton, Mrs. A. L. Merrill, Mrs. H. P. Talbot and Mrs. Harry W. Gardner.

The first concert is to be given by the Musical Clubs on December 13th, in Auburndale, at 8 o'clock, and is to be followed by a dance.

ELECTRICALS VISIT FORE RIVER YARDS

Small Party Inspect Ships in
Various Stages of
Construction.

Ten members of the Electrical Engineering Society visited the works of the Fore River Shipbuilding Company at Quincy yesterday. The trip turned out to be as a go-as-you-please affair, no guides being furnished, but the men covered the whole plant and even climbed the structure surrounding the Brazilian battleship, which is in process of construction. The chief objects of interest, outside of this ship, were two torpedo boats and a barge, which were in different stages of completion. The machine shops and forging shops attracted much attention, especially the monster machine lathes for turning out shafts and boring engine cylinders, and the hydraulic hammers.

There will be a similar excursion for fifteen men tomorrow afternoon. The party will leave Lowell Building at 12.15, and the South Station at 12.45.

MEETING OF TECH CLASS SECRETARIES

Prof. F. H. Fay, 1893, Re-elected
to Position of General
Secretary.

COMMITTEES SUBMIT REPORTS.

Reorganization Committee of Unani-
mous Opinion That Association
Should Continue.

With twenty-three members present, the annual meeting of the Association of Technology Class Secretaries was held last evening at the Technology Club. The principal business of the evening was the report of reorganization and election of officers for the next two years.

Following the annual dinner General Secretary Frederick H. Fay, 1893, called the meeting to order, Professor R. H. Richards, 1868, the oldest living alumnus of the Institute, being unanimously elected chairman of the evening.

Professor H. W. Tyler, 1884, on behalf of the committee on reorganization, presented a detailed report, the main features of which follow. The committee was of the unanimous opinion that the Association should continue, despite the recent formation of an Alumni Council, because of the admirable results which it has accomplished in the past, and because of the existence of ample work for both organizations. A further reason for its continuance is the representation of undergraduate classes, each class through its Secretary thus coming into contact with the actual work being done by the alumni.

Several changes in the by-laws were suggested by the committee and adopted by the Association with slight changes. Membership in the Association now consists of "the secretaries of all the graduate classes, the President of the Alumni Association, a representative of the Committee on Publication of the Technology Review, the Secretaries of the four undergraduate classes of the Institute and the President of the Institute Committee."

The following officers were elected for a two-year term: General Secretary, Frederick H. Fay, 1893; Assistant General Secretary, I. W. Litchfield, 1885; Executive Committee, J. A. Rockwell, 1895; N. J. Neal, 1900, and R. R. Patch, 1906.

The members of the Association present last night were: R. H. Richards, 1878; James Rollins, 1879; W. B. Snow, 1882; H. W. Tyler, 1884; I. W. Litchfield, 1885; A. A. Noyes, 1886; C. G. Thomas, 1887; W. H. Kilbrain, 1889; G. L. Gilman, 1890; F. H. Fay, 1893; A. T. Bemis, 1893; S. C. Prescott, 1894; G. A. Rockwell, 1895; N. J. Neal, 1900; R. L. Williams, 1901; B. Y. Hiller, 1904; G. de W. Marcy, 1905; R. R. Patch, 1906; B. Bigelow, 1907; H. S. Cleverdon, 1910; O. B. Denison, 1911; R. H. Fox, 1912, and L. C. Hart, 1913.

EXETER CLUB'S FIRST MEETING OF YEAR

Four New Members Initiated
and Officers Elected—R. N.
Doble, 1912, President.

Of the thirty Exeter graduates at the Institute, sixteen interested ones turned out to attend the first dinner of the Exeter Club at the Union last night. Of these four were new men who have just entered this year. In all there are six Exeter graduates in the Freshman class.

Mr. M. R. Scharff, the president's assistant and a member of the Exeter graduating class of the year 1905, was the speaker of the evening. He congratulated the men present on the

(Continued on Page 3.)

GERMANY MAKES ENORMOUS GAINS IN NAVAL STRENGTH

Far in Advance of United States
in the Construction of
Warships.

THIS COUNTRY STILL SECOND.

Naval Estimation for 1911-1912 is
\$126,046,659.

During the last year Germany has made enormous strides in the development of her navy. Although the American navy still stands second in tonnage afloat, the Germans have completely outdistanced us in building. Even England, the recognized leading power on the sea, is being hard pushed by Germany for that title.

It is thought by many experts that Germany has eclipsed the United States in naval strength because of the many obsolete ships included in the American statistics.

The statistics show with what acceleration the German navy is increasing. A year ago today Germany had 51,360 tons more under construction than the United States; while today she leads us by 191,360 tons. An equal gain has been made on England.

The United States naval estimates for the fiscal year 1911-1912 is \$126,046,659, and is to include everything. This is \$5,000,000 less than last year, and will provide for two battleships, one collier, one gunboat, one river gunboat, two sea-going tugs, two submarines and one submarine tender. The reason for this reduction in the estimates is due to the economic reform being carried on by Secretary Meyers.

Secretary Meyers desires Congress to consider naval affairs from a patriotic and military point of view, rather than from consideration of personal and political advantage. He is also in favor of a drydock at one end of the Panama Canal. "The way to keep peace is to be prepared for war."

SOUTHERN CLUB MEETS AT TECHNOLOGY CLUB

Successful Dinner Held—Plans
For Meeting and Dance
Discussed.

Thirty men were present at the dinner of the Southern Club at the home of the Technology Club last evening, the meeting being one of the most successful ever held by that organization. After dinner plans for the rest of the year were discussed, and those entertainments already decided upon were announced. The first of these will occur next Thursday evening at the Technology Club, at which time Professor Arlo Bates will read a Southern story. The fellows have all been asked to bring ladies to the affair.

(Continued on Page 3.)

CALENDAR.

Friday.
12.45—E. E. Excursion.
4.00—1913 Cross-Country—Gym.
4.00—1914 Cross-Country—Gym.
4.15—Gym Team Practice.
5.00—Basketball Practice—Gym.
8.00—Friday Night Entertainment—Union.

Saturday.
1.00—The Tech News Board Meeting.
6.15—Hockey Practice—Arena.

Monday.
4.00—Mandolin Club Practice—Union.
4.00—1913 Cross-Country—Gym.
4.00—1914 Cross-Country—Gym.
5.00—Basketball Practice—Gym.
5.30—Hockey Practice—Arena.

THE TECH

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FRIDAY, DECEMBER 2, 1910.

We wish to call special attention to the communication in this issue regarding the elections of the Junior Prom. Committee. There ought to be a maximum interest shown by a class in the choice of its representatives. Nominations close Monday, and by that time every member of the class who has the requisite ability for the position, and is not already occupied in some other line of work of as great responsibility, should be on the list of nominations. The management of the Junior Prom. calls for men of experience and business ability as much as any position among Institute activities, and the class of 1912 should see to it that the best available men from the class fill the positions on the committee.

COMMUNICATION.

The attention of the student body and especially to the members of the class of 1912 should be called to the nominations of members of this year's Prom. Committee. Little spirit has been shown so far in this most important matter. The Prom. seems a long way off, but work must be done, so let us show our interest and put men on the job who will do it well. "Technique" and "The Tech Prom." do more toward making the name of a class socially than everything else put together, and to leave the management of these activities to inefficient men is a great mistake. The 1912 Technique Board is working well and promises the best Technique ever. Why not the best Prom. ever? Why not stir up some enthusiasm and put up a number of good men for the Prom. Committee, and then vote for those who will carry out this affair with the greatest financial and social success?
 1912.

COMMUNICATION.

To Mr. S. P. N.:
 Your first communication was published by mistake, as we print nothing of the sort without the writer identifying himself to the Editorial Board. Your most worthy opponent, Mr. Demi

Tasse, has identified himself according to the rules of The Tech, and if you will make yourself known to the General Manager or the undersigned, your latest offer WILL be published. The General Manager can be found in the upper office at noon, and the undersigned from 8.45 to 9 A. M., and from 1.30 to 2 P. M. daily.
 MANAGING EDITOR THE TECH.

FIRST ENTERTAINMENT OF YEAR TONIGHT

Vice-Pres. Humphrey of Technology Club to Speak on "Messina and French Africa."

That the entertainment committee has started the year's work in earnest is evidenced by the fact that they have secured for the meeting tonight a speaker as interesting as Mr. Seth K. Humphrey. Mr. Humphrey is Vice-President of the Technology Club, and is a man who is deeply interested in all that concerns the Institute. He has had a most wonderfully eventful career and is also an inventor of some renown.

Last year, after a tour of a portion of Africa, he consented to tell the members of the Technology Club about his trip. This account of his journey through Africa proved to be so interesting that he was asked to talk again this Fall about a trip that he had recently taken to Spain. This latter talk was also a decided success. Recently he gave this talk on "A Trip Through Spain" before the Biological Society and made quite an impression on his hearers.

The subject he has chosen for tonight is "Messina and French Africa," and lantern slides will be used to illustrate the talk. Everyone should turn out and give a boost to the Friday night entertainments.

COURSE XI EXCURSIONS.

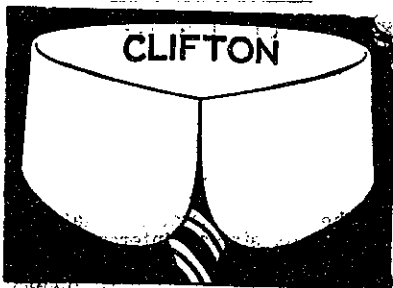
On Thursday, December 8, the Seniors in Course XI will make their first excursion of the year to Worcester to investigate the sewage plant at that place. This plant is under the charge of Mr. L. P. Kinnicut, 1875, who is director of the Department of Chemistry at Worcester Polytechnic Institute at that place.

A week later an all-day trip will be made to Providence, where both the water and sewage systems will be investigated. Here the men will be conducted around by Messrs. F. O. Clapp, 1899, of the Sewage Company, and G. H. Pratt of the Board of Health. Both parties will be under the charge of Mr. Gilbert of the Water Analysis Department.

At a recent Glee and Mandolin Club concert at Cornell the entire house was sold out in half an hour.

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Professor Jackson to Entertain Members at Dinner Tonight.

All members and associate members of the E. E. Society will be the guests of Professor Jackson at a lunch to be given this evening in the Union. This dinner is intended to be an informal affair, and a large attendance is expected.

The special guest and speaker of the evening will be Mr. J. W. Lieb, Jr., Vice-President of the N. Y. Edison Company. Mr. Lieb is, without doubt, one of the most distinguished electrical engineers of today. He is a past President of the American Institute of Electrical Engineering, and a most interesting speaker. His topic will be "Engineering Ethics."

Professor Jackson particularly desires a large attendance and much enthusiasm.

The time originally set for the dinner was 7 P. M., but it has been found that 6.30 is a much more convenient time for most of the men, so the hour for the dinner has been changed to 6.30 P. M.

ORCHESTRA TO PLAY AT WINTER CONCERT

Full Membership Is Now Assured—Concert With Wesleyan Musical Clubs.

Although orchestras have been organized at the Institute in past years, this season has witnessed the first real attempt to form a musical club modelled after one of the typical amateur symphony orchestras of Boston. This orchestra was started about a month ago with a membership of twenty men, and has steadily grown until last Tuesday night, when thirty performers were present. Money has now been provided for new music, and a double bass has been hired. This, with the addition of a French horn and three cellos, has assured a satisfactory bass for the club.

The music practiced so far has consisted of "The Bohemian Girl," "The Chocolate Soldier" and "The Red Mill," it being believed that more sat-

isfaction is attained by constant hard practice on a few numbers than by attempting a large repertoire. Later, however, concert overtures and classical numbers will be tried.

Encouraged by the success attending its appearance at the joint society dinner, plans had been made to give a few independent concerts in the suburban towns, but a better opportunity has presented itself in the shape of playing at the musical club concert on December 16th. This will mean much for the orchestra, and every man should work hard at the remaining rehearsals, when new pieces are to be learned.

Included in the future plans of the club is a joint concert with the Wesleyan Musical Clubs in New York City during the Christmas vacation, but the purpose of the organization is to play at Tech functions, and this aim will not be lost sight of.

(Continued from Page 1.)

fair, and they have promised to do so. Soon after this a dance will be given. These functions in the past have always been very successful, and this one will not vary from the others in that respect.

The Southern Club is purely a social organization, and all men at the Institute who hail from the Southern States are eligible. Anyone wishing to join should send his name to Mr. G. S. Watson, 112 Newbury street.

(Continued from Page 1.)

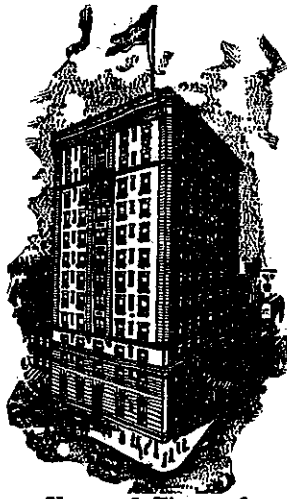
success of the club during past years, and urged them to keep up the good record by conscientiously attending every meeting in the future. He also expressed a hope that all the men would find it possible to attend the dinner given by the New England Association of Exeter Alumni. This dinner will be held at the American House on December 6th.

The new members present were then initiated and the officers for the coming year elected. They are as follows:

- President—Ralph N. Dobbie, 1912.
- V.-President—Samuel Knight, 1913.
- Secretary-Treasurer—W. C. Bird, 1912.
- Custodian of the Dead—H. C. Prentiss, 1913.

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Be careful to give us his name and address and your name and address correctly. State also whether you like a fine, medium or coarse pen; otherwise, we shall send an assortment that you can purchase from at \$2.50.

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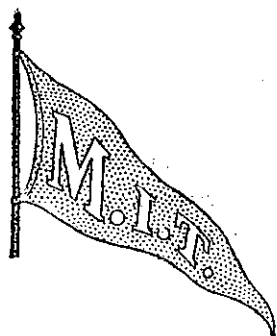
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ASSISTANT MANAGERS OF TECH SHOW.

Competition for assistants in Tech Show, 1911, has begun. There are three assistants to be chosen, preferably one Sophomore and two Freshmen. Manager Lenaerts will be in the Show Office, Room B, daily, from 1 to 2 o'clock, to meet all candidates.

SENIOR PORTFOLIO ELECTIONS.

Ballots for Senior Portfolio Committee elections have been left at the Cage for every man carrying a majority of subjects with 1911. Ballots due at the Cage Monday, December 5, at 4 P. M.
H. F. DOLLIVER, Clerk.

1912 PROM. COMMITTEE.

All nominations signed by ten men must be at the Cage by 4 P. M., Monday, December 5.
J. L. BERRY,
P. W. DALRYMPLE,
BATES TORREY.

NOTICE.

Tech News Board Meeting Saturday, December 3, at 1 P. M.

CIVIL ENG. SOCIETY PINS AND FOBS.

Design posted in Eng. A Bulletin Board. Plain Pins, 80c.; Pin with safety catch, \$1.00; Black Leather Fob, \$1.00. Members may obtain same by placing order with I. D. Powell, Wm. H. Coburn, or H. P. Ireland, AT ONCE.

LOST.

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Gentlemen, I call to your attention that I will pay more for your cast-off clothing than any one in my line of business. A trial will convince you. Send postal to Max Keezer, 3 Bow street, or telephone Cambridge, Mass., 302. (tf)

NOTICE.

Two volumes of Technique for sale, 1894 and 1895; 1895 is dedicated by President Walker and has his picture as a frontispiece. Apply at Room 36, Walker.

Ben Ellis, 94 Dudley street, pays highest prices for Students' cast-off clothing. Send postal and will call. Nov 22 (1)

The gymnasium at Wisconsin is open to upper classmen every night until 9 o'clock.

Minnesota boasts of having a college student who is only fourteen years old.

A Minnesota paper states that the business men are becoming alarmed at the continuous reporting of cribbing in the colleges during examinations. For yearly larger and larger numbers of business men must be drawn from the colleges.

(Continued from Page 1.)

Sprackling seems to have a slight advantage. Absolutely accurate in his forward passes, almost as accurate in his drop-kicking, he was a scoring machine in himself, and was mainly responsible for the excellent showing of Brown last year. Howe of Yale shone in the Princeton and Harvard games.

The wonderful Crimson line-bucker, Wendell, certainly deserves a place on the All-America eleven. Although playing varsity football for his first year, his remarkable work stamps him as a leader of the half-backs. McKay, of Brown, seems to be the logical choice for the other half. Other stars include Pendleton of Princeton, Corbett of Harvard, and Daley of West Point.

For the fullback position the two Pennsylvania stars, Mercer and Ramsdell, seem to have the call, with the odds favoring Mercer. He is not only a tower of strength on the defense and fast in his line plunges, but is also an excellent kicker. Eddie Hart of Princeton played a strong defensive game throughout the season, and Barends of Dartmouth showed up well. Dean of the Army is also a sterling player.

Tomorrow The Tech will publish a review of the present football season in the East, with a ranking of the fifteen leading college elevens.

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