

# THE TECH

VOL. XXXI. NO. 78

BOSTON, MASS., WEDNESDAY, JANUARY 3, 1912

PRICE TWO CENTS

## MEETING OF MINERS IN UNION THURSDAY

Students Invited to See Slides  
of the Scenery of the  
Rhine.

The Mining Society will hold its open meeting in the Union Thursday, instead of on Wednesday. All are invited to come and see the wonderful lantern slides with which Professor Hervey W. Shimer will illustrate his talk on "The Geology and Scenery of the Rhine." He has been through Europe several times on geological work, and on these trips has gathered a collection of views of that most beautiful river.

Dr. Shimer is now Assistant Professor of Paleontology at the Institute, having taught at Columbia and Yale Summer School before coming here.

The officers of the Mining Society want all the men who are interested to come to the meeting Thursday evening, as they are sure that no man will go away feeling that he has lost time from exam plugging.

## MR. MULREADY TO TALK TO CATHOLIC CLUB

Interesting Reports of the  
Committees to Be  
Heard.

This evening the Catholic Club will hold its first meeting of the year, and according to the usual custom supper will be served in the Union, upstairs, at 6 P. M. The club has finally succeeded in obtaining Mr. Edward Mulready to deliver an address to the members on this occasion, and they are very fortunate in procuring such an able speaker.

Mr. Mulready is the chief probation officer of the courts of the State of Massachusetts, and consequently has had the opportunity to come into close contact with the criminals of the world. This class of people are little known to the outside world, especially the juvenile cases, in which Mr. Mulready has taken great interest, doing remarkable work in this department. The success which he has achieved in his line of work speaks well for his command of the subject and his ability to handle it effectively. His talk tonight will undoubtedly be of great interest to all.

There will be a great number of surprises sprung at this meeting which will be of interest to all the members. The first report of the dance committee will also be given at this time. The chairman, G. S. Walsh, has had every man on the committee working overtime and he has accomplished surprising results. His report will be highly interesting and full of unexpected developments.

The question of aides is also to be brought before the members by the committee and will probably be chosen at this time, as the dance orders must be given out in the near future. Every member of the society who is at all interested in the society should be present at this meeting.

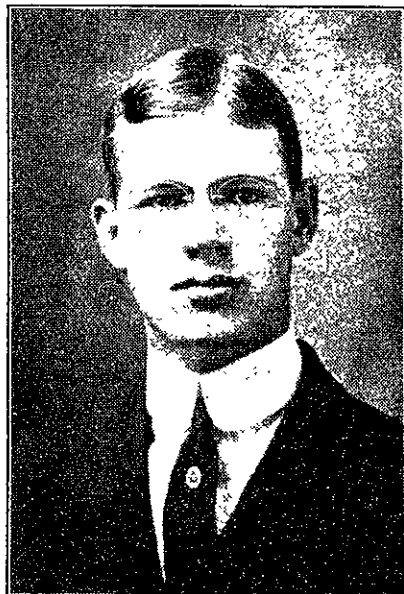
"Johnny" Grant has been around town for a few days, and is looking well. Saskatchewan weather must have agreed with him.

## GEOFFREY R. THAYER IS STAGE MANAGER

Tech Show Assistant Two Years  
—In Many Other Activities  
—Course VI.

Geoffrey R. Thayer, '13, of Allston, Mass., has been chosen Stage Manager of Tech Show, 1912, and his appointment has been ratified by the Institute Committee. Mr. Thayer was born in Allston and attended the grammar school in that city. In 1905 he entered the Mechanic Arts High School, and he was graduated from there in the class of 1909. While there he was prominent in many of the school activities and was at one time Athletic Editor of the "Artisan," the school publication.

On his matriculation at the Institute he was appointed second assistant manager in the Stage Department of Tech Show, 1910, under Kenneth Greenleaf, '11, and served in that capacity during the production of the "Queen of the Cannibal Isles" in the spring of 1910. As a reward for his untiring efforts he was promoted to first assistant under Erwin H. Schell, '12, for the production of "Frenzied French" last April.



G. R. THAYER, 1913

Besides his connection with the Show, Mr. Thayer has been prominent in many undergraduate activities here at the Institute. He won his numerals on his class tug-of-war team last year, is a member of "Masque," the Mechanic Arts High School Club, and the Electrical Engineering Society. Mr. Thayer is enrolled in Course VI. (Continued on Page 2, Col. 2.)

## GRADUATE ENGAGED.

Mr. Frank Payne, 1905, Will Be  
Married in June.

The engagement of Mr. Frank Payne, 1905, recently of Winchester, Massachusetts, and now of Chicago, as the manager of the Chicago branch of the Warren Steam Pump Company, was announced last week to Miss Seba Harrison Burnham of Adrian, Michigan. Mr. Payne is a graduate from Course Thirteen. The wedding will take place in June.

## GEN. BIXBY WILL SPEAK AT DINNER

Alumni Banquet Tonight to Be  
Big Affair—Governor Foss  
Unable to Come.

About three hundred Alumni and others are expected at the big Alumni banquet in the Hotel Somerset tonight. Great interest has been shown by the graduates in this dinner, not only because of the speakers, but especially on account of the new site, and the proposed discussion of its possibilities for future development. Beside this the election of new members of the Corporation and officers of the Alumni Association itself will take place.

Governor Foss regretted last night that it would be impossible for him to be present, but many other notables will speak. General Wm. A. Bixby, '68, Chief of Engineers of the U. S. Army, will be present. General Bixby had charge of the work in the raising of the "Maine" in Havana Harbor. E. Dana Durand, Director of the Census; C. E. A. Winslow and James W. Rollins are among the speakers.

## TECH WELCOMED.

Mayor of Cambridge Thinks Site  
Decision Most Important.

That Mayor Edward J. Barry of Cambridge is highly in favor of having Technology go to his city was evidenced Monday afternoon when he signed the order which declares that all matters are settled in regard to the Institute's new site. He stated that he considered this the most important document which he had signed during his administration. He affixed his signature during the New Year's reception, which was held in City Hall, in the presence of Everett Morse, representing the Institute; T. H. Raymond, one of the workers in getting Tech to go to Cambridge; Edwin D. Mellen, and nearly all the city officials. Councilman Frank J. McAvoy, one of the members of the Highway Committee, received the pen with which Mayor Barry signed the document.

## 1914 RELAY MEETING.

At a meeting of the 1914 relay team in the Union yesterday afternoon it was decided to get white sweaters. The pictures for Technique will be taken at Notman's Saturday, at 1.15, when all the men are expected to be on hand with their outside suits.

## PLANT TALKS.

That portion of the Lowell Institute Course under the auspices of the Boston Society of Natural History dealing with the local plants begins January 4. The lectures are as follows:  
January 4—"The Indigenous Flora of Eastern Massachusetts."  
January 11—"Some Effects of Civilization Upon Our Flora."  
January 18—"Some Local Problems in Geographic Botany."  
January 25—"The Probable Geographic Origin of Our Flora."  
All of the above lectures will be given by Professor M. L. Fernald.

## INDOOR CLASS MEET FRIDAY NIGHT IN GYM

Hard Fights Expected in Most  
Events—Juniors Look  
Like Winners.

Friday night the gym will be the scene of the annual indoor championship class meet, which will be the first indoor event of the season. The men in general have been working hard and some very fine exhibitions are expected, especially in the dashes and in the shorter runs.

The outcome for the class championship is very doubtful, but it looks as if the Juniors have as good a chance as any of the four. In the dash the Sophomores have Louis Wilson, who should take first, also Wilkins, who has a great deal of speed and should be among the winners; Oettinger will stand a good chance to place in that event, but does not look as good as Thompson, 1913, or Benson, 1912.

The quarter-mile event is always one that is hard to pick, as the track is so small that the best man does not always get a chance to take the lead. Thompson looks best in this event, as he was the second man last year and is running well this year, though he was not the first man in the relay trials. Benson ran some fine trials and might surprise us and take this event. Munch, 1913, is up in the lead in this race and looks like a place, as does Guething, 1914, Oettinger, 1914, and Bolton, 1914.

The half-mile looks like a Junior event, with Bylund in the lead and Germaine second. If Marceau, captain of the half-mile relay team, runs, it is likely that the Seniors will take a first. The Sophomores are represented by Nye, captain of the cross-country team, and Shedd, who is running well.

Shedd looks like the cup taker in the mile, but the field will not be all his, as all the cross-country men are out for this event and it will be hotly contested. Marceau is another favorite in this race, as are Nye and Earl Ferry.

The hurdles are the dark events, as usual. Few men are trying out for them, and the few that are are Freshmen. This has always been a very weak point in the Tech track teams, and more men should practice taking the "bunkers," as they form a very important part of all track meets.

No one will dispute Phil Dalrymple's place in the high jump, and, in fact, it is very likely that he will go out for the record. L. S. Hall, 1914, is the second choice again this (Continued on Page 2, Col. 2.)

## CALENDAR.

Wednesday, January 3.  
4.15—Institute Committee—8 Eng. C.  
6.00—Hockey Practice—Arena.  
8.00—Catholic Club Meeting—Union.  
Thursday, January 4.  
1.30—T. C. A., Edwin D. Mead—Union.  
8.00—Mining Society Meeting—Union.  
Friday, January 5.  
6.00—Hockey Practice—Arena.  
7.30—Gym—Interclass Track Meet.  
8.00—Harvard Eng. Society—202 Pierce Hall.

CATHOLIC CLUB--UNION--TO-NIGHT AT 8.

# THE TECH

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WEDNESDAY, JAN. 3, 1912

### IN CHARGE OF THURSDAY ISSUE.

EDITOR—Waitt, A. H., 1914.  
 Associate—Lewis, Jr., M. B., 1914.

The policy of the Arena in refusing to allow the Tech team to meet Dartmouth during their stay here seems to be pretty small business, particularly taking into consideration the fact that about 400 loyal Tech men turned out to the Tech-Harvard game and showed the management of the Arena that they were behind the team. The only reason that seems a plausible one for their opposition to the game seems to be that they fear that the Tech boys will be too strong for Dartmouth and thereby reduce the number of the attendance at the game Saturday evening between Princeton and Dartmouth. This seems to be pretty poor business policy as there are a large number of Tech men who are constantly putting good "shekels" into the coffers of the Arena, and we feel that we are getting the raw end of the deal.

We note with pleasure in a clipping received recently from the "Official Press Censor" a statement announcing the promotion of the "Official Mail Service" to a more lucrative position than the one he now holds. We congratulate the latter not only on his own account, but also in behalf of the students, as well as personally. We feel that it will, no doubt, increase the efficiency of the Institute, and it seems too bad that it did not happen a week ago, in order that the Seniors might have a chance to get a higher efficiency in their "Plant Test." It is, no doubt, true that the increased efficiency which we are hoping for can be easily estimated, but it would be much easier if they should have some data to work upon. We wish to again congratulate the gentleman, and to say that we are "delighted" would be putting it small.

### A CORRECTION.

THE TECH wishes to apologize for and correct a statement published in a recent issue of the paper concerning the meeting of the Harvard Engineering Society. This meeting is to take place on Friday evening instead of on Wednesday evening, as was stated.

Don't forget, 12 coupons for 15 cents for THE TECH. It's a bargain.

Radiation factor of light in the dining room increased by 50 per cent. Orders look bigger!

Baker of Princeton is heralded as the best collegiate hockey player this year.

### FURTHER EXPERIMENTS WITH THE "FROUDE"

#### The Question of the Pitch Ratio of a Propeller Subjected to Further Investigation.

In the recent report published in THE TECH concerning last season's experiments with a miniature vessel on the Charles River, a few details were necessarily omitted because of the fact that all of the data which was gathered at the time had not been thoroughly examined. Professor Peabody now states that numerous experiments were made concerning the pitch ratio of a propeller, both while the vessel was being used for towing and while running free, and that a lot of valuable information of a technical nature resulted from these tests. This question of the pitch of a propeller is one which has long been in dispute, and it is intended to conduct further tests along these lines just as soon as it is possible.

### STAGE MANAGER.

(Continued from Page 1.)

The Stage Department, of which he is now manager, has complete charge of the books submitted as the basis for Tech Show, 1912, and will make the final selection. These books have already been sent to Coach Eugene Sanger for his criticism and advice, and it is expected that his decision will soon be at hand.

Rehearsals for cast and chorus will be held every day during the two months preceding the first performance and, since the coach is present but about three days each week, these rehearsals come under the direct supervision of the stage manager and his assistants. They do the prompting, provide music for the rehearsals, and drill both the songs and dialogue into the men. Moreover, this department makes all provisions for costumes, wigs, makeups, calcium lights, stage settings and properties.

It is expected that in Geoffrey Thayer Tech Show, 1912, has found an able man, so that the Stage Department this year will be exceptionally efficient.

### CLASS TRACK MEET.

(Continued from Page 1.)

year. Alvord, 1912, who took third last year, has not been practicing, but is apt to come out for the meet and ought to take third place, as he did last year. Several Freshmen have been trying for places on the team in the jumpers' division, and it looks as if they will get one place at least.

Nobody is out for the pole vault. Salisbury, Allen and Mangan of last year's point winners have left school, but "Tod" Greenleaf is still on deck and will no doubt take the first place for the Seniors.

The shot-put will go to MacLeod without doubt and thus give a few points to the Juniors. His teammate, Freeman, looks good also. Owen, 1914, was the fourth man last year, and if some of the Freshmen who are training in this event do not beat him, he ought to take at least third.

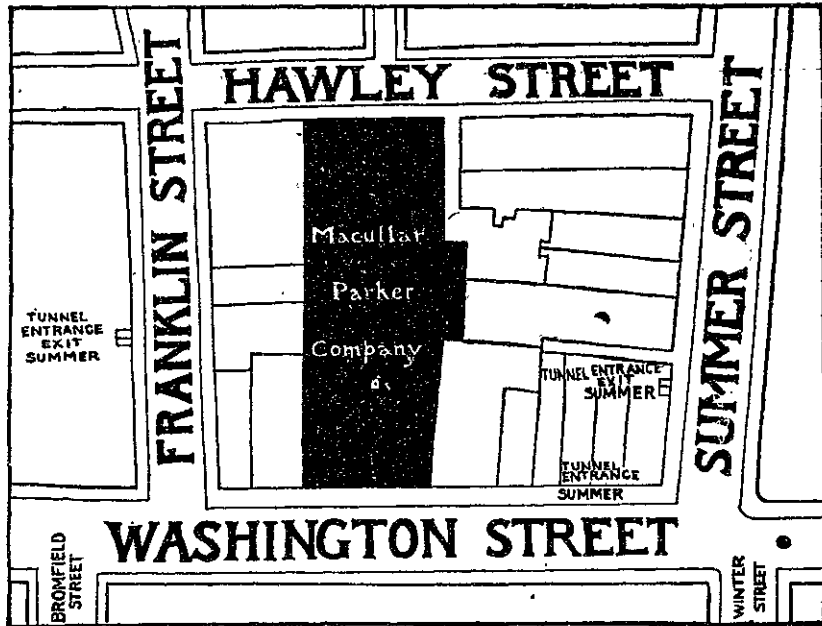
One of the interesting events of the evening will be the innovation of an all-round relay race between all the men entered in the meet. One of the Seniors will be elected captain of one team, while a Junior will lead the other, and they will pick their teams.

This event will probably be the last one on the program and ought to be quite exciting.

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Friday Evening, Jan. 5, at 8

### I PAGLIACCI

In Italian

Followed by

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Saturday Matinee, Jan 6, at 2

### TOSCA

In Italian

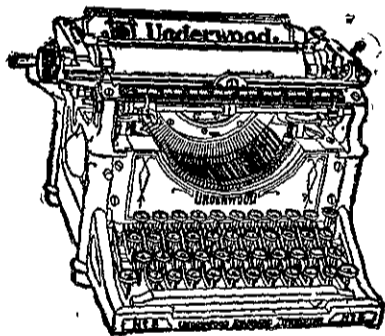
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## GLEE CLUB TO SING AT STATE PRISON

Special Music Being Prepared—  
Invitation Came Through  
Mr. Talbot.

Through the agency of the T. C. A. the Glee Club has been asked to sing at the State Prison in Charlestown on next Sunday morning, and are now rehearsing some special music for the occasion, which will be the regular Sunday morning service. Mr. Talbot, the T. C. A. secretary, was at the practice which was held in the Union yesterday afternoon, and assisted Mr. Robinson, the leader, in telling the men about the concert.

As this is more or less of a special trip only the men will be taken who can go conveniently, and the number will, therefore, be considerably smaller than usual, although thus far about eighteen have signified their intention of being there.

The program has been selected with care and will be appropriate for the service, and with the two special rehearsals which the club will have on the hymns and anthems, most of which are familiar to the men, it is expected that the music will be a success. Among the numbers will be: "All Through the Night" and "Praise Ye the Father." The next special practice will be held on Friday, January 5th, at 4.30 o'clock.

## ARCHITECTS MEET THURSDAY EVENING

Prominent Boston Architect, Mr. J. Randolph Coolidge, to Speak.

The meeting of the Architectural Society, which will take place Thursday evening, January 4th, should be one of the most interesting of the season, for the speaker, Mr. J. Randolph Coolidge, Jr., is to consider "Architectural Practice and the Trend of Local Development," a subject in which all Tech architects have a very live interest, from the fact that there is now so much building going on of almost a monumental nature.

Mr. Coolidge is a member of the firm of Coolidge & Carlison, which has done much of the recent work of value, and is for that reason eminently well fitted to speak on such a subject.

The admission will be thirty-five cents and will include the refreshments. The meeting will take place in 42 Pierce, at 8 o'clock.

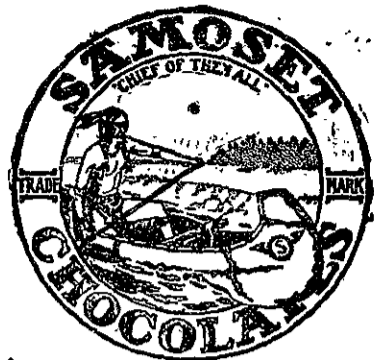
## AUSTRALIANS WIN.

Keep Davis Tennis Cup by Victory Over Americans.

Yesterday the Australian tennis champions completed a most overwhelming defeat of the American challengers who went to New Zealand with the best prospects in years. William A. Larned, the undisputed leader here, was defeated by Tod Heath, who is a newcomer in international playing, and who promises to be good for many years. The other American players, Beals Wright and M. E. McLaughlin, completed the strongest team that we could have sent. Tuesday the Australians won both singles matches, and yesterday Norman Brookes and A. W. Dunlop defeated Wright and McLaughlin as follows: 6-4, 5-7, 7-5, 6-4. It is probable now that matches for the cup will not be repeated for at least three years, as England, the only other likely challenger, is worse off than America.

How much did you study during the vacation?

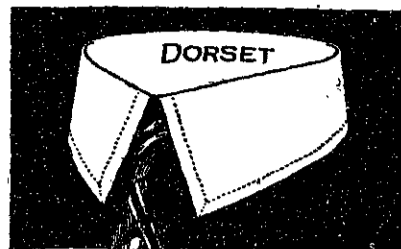
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Large experience in preparing Stu-  
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Read the Classified Ads for bar-  
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### OTELLO

In Italian

Wednesday Evening, Jan. 3, at 8

### LA BOHEME

In Italian

Friday Evening, Jan. 5, at 8

### I PAGLIACCI

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Followed by

### COPPELIA

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Breakfasts 30c. Luncheon 25c. Dinner 40c

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FACTORY TO WEARER

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THE MALLORY CRAVENETTE

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### SOPHOMORE TEAM TO PLAY SALEM NORMAL

Salem Represented by Strong Team—Soph's Miss Two Regulars.

The Sophomore basketball team will journey to Salem this afternoon, where they will meet Salem Normal five. The Sophs will have to play without their regular forwards as Captain Comber and Tirrell cannot go, but they have several good men who, it is hoped, will fill their shoes.

Last year the 1914 team beat Salem by a score of 32 to 7, but the Normal School has a much better team this year and will be a much harder proposition to beat. The Sophs have been putting in a lot of practice for this game and think that they can repeat their victory of last year.

The team will leave the North Station at 2.35, and it is hoped that a bunch of second-year men will go along and cheer for them. The lineup will be: Bryant and Williams, forwards; Fox and Price, backs, and Ruoff, center.

### WRESTLING MEET.

The wrestling team is getting into fine shape to start their schedule on January 13, when they will meet the Salem Y. M. C. A. team. Five weights will compete, and while the team is not definitely picked, Sidinger will probably represent the Institute in the 125-pound class, Blodgett in the 135, Smythe Martin in the 145, and Treat and White in the 258.

In preparation for this meet there will probably be a tournament to decide the best men and to give the team a little competition among themselves. Medals will be given to the winners.

### ALUMNI DINNER.

(Continued from Page 1, Col. 3.) which the Institute stands is as noble an ideal as any that can be expressed by form, and it is pre-eminently the ideal of the thoughtful section of the American people today."

Dr. Noyes then read a letter from Mayor Barry of Cambridge, stating his pleasure that the Institute had finally a clear path to the site across the river.

The next speaker, General Wm. A. Bixby, '70, spoke of the Army Engineer Corps, and the need it now had of technical men. He noted that the Panama Canal will be open to passage in 1913, and to traffic in general in 1915.

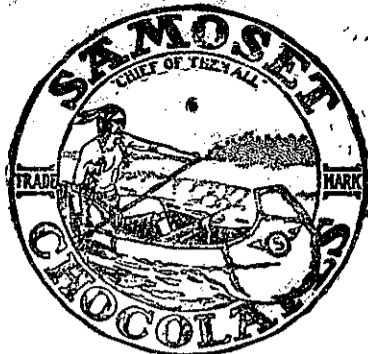
The Director of the Census, E. Dana Durand, spoke on immigration, and what New England must do to maintain an even pace of native-born with those from foreign stock. "It may be necessary," he said, "to require immigrants to go to and stay on farms, as there they are needed, and the cities are sadly overcrowded." The major portion of the immigrants entering the country now are from Southern Europe, and it is questionable whether the country assimilates them. They are neither for or of the government.

The following elections of officers of the Alumni Association were announced amid much noise: President, James W. Rollins, '78; Vice-Presidents, F. K. Copeland, '97; L. Metcalf, '92; Secretary-Treasurer, Walter Humphreys, '93; Executive Committee, G. B. Glidden, '93, and Lawrence Allen, '07.

Those Harvard turbine lectures will probably be worth hearing.

The upperclassman's idea of a bell-boy: a Freshman cadet in uniform. The Freshman's idea of eighty-five cents: something bigger than a blue breast-cord.

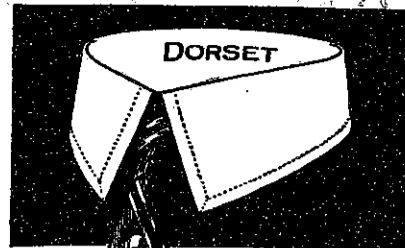
They say the Russell engine does not like the treatment the Seniors give it, or so it seemed yesterday noon.



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Hygienic methods, skilled workmen, and the choicest material—briefly tell the story of their manufacture. Give them a trial and you will surely make a friend.

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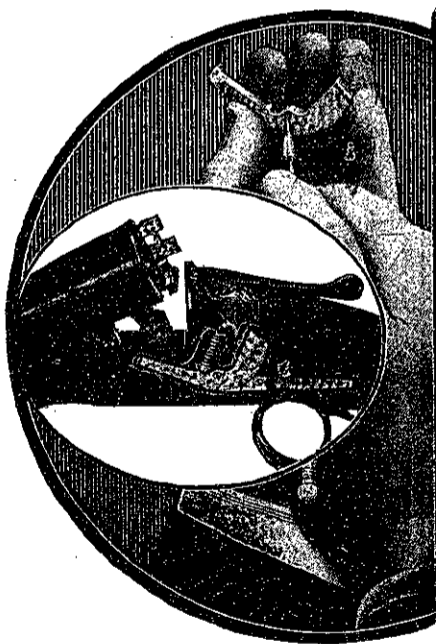
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Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

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Printed by Rulter, 147 Columbus Ave.

THURSDAY, JAN. 4, 1912

IN CHARGE OF FRIDAY ISSUE.

EDITOR—Cary, C. A., 1912.  
 Associates—Graham, L. H., 1914; Munn, P. J., 1915; Rogers, H., 1915; Somerby, F. S., 1914.

Several weeks ago we published an editorial complimenting the House Committee on their enterprise in placing in the Union hair brushes, hand brushes, etc. We commented at that time on the fact that we hoped that our "light-fingered members" would leave them for a while until we had a chance to try them out. We notice today that out of five hand brushes there are just two left, and we would advise those who desire to try them at once as they are going fast, the hair brushes having disappeared entirely. This is a matter nearly as sad as that of robbing a peanut machine, and indeed seems worse, because these men are taking away the advantages of the remainder of the students.

The Alumni certainly showed their interest in Institute affairs by their large attendance and enthusiasm at the annual banquet. The speeches were all very good and to the point, and all the Alumni seemed to be enthusiastic over the location of the new site. President Rollins was warmly received and has the best wishes of all for a successful year at the head of one of the liveliest Alumni Associations in the country.

### UNIVERSAL PEACE.

"The United States and the United World" is the subject on which Mr. Edwin D. Mead of the World Peace Foundation will speak this noon in the Union. He is one whom President Murlin of Boston University has called "a man who has given his life and his fortune to the cause of universal peace—one of the finest types of gentleman." Mr. Mead is a suffragist, for he has spoken several times on Boston Common in favor of votes for women. He went abroad last summer to study the question of woman suffrage and Universal Peace, and comes before the T. C. A. prepared to give a very interesting talk.

### TRACK MEN.

All track men except jumpers are expected to be at the Gym for regular track practice this afternoon.

### BASKETBALL TEAM TO PLAY NEW HAMPSHIRE

#### Team Much Improved in Passing And in Shooting Since Last Game.

The Varsity basketball team is working the second five for all it is worth this week in preparation for its next game Saturday with the New Hampshire State College team at Durham. The squad has made a lot of improvement since the last game, and is sure to give a much better account of itself. The passing, especially, is a great deal better, but the covering is not as good as it might be. Captain Schar and Friedman are the star players, but Shatze's clever shooting is attracting much notice. Mowry is reaching them well at center.

The second team has shown even more improvement than the first five, and the Varsity had its hands full to keep them from scoring. Capen and Samson have shown up particularly well and seem to be of almost Varsity class.

The men to take the trip to Durham are Manager Friedman, Captain Schar, Shatze, Mowry, McCarthy and Morse.

### CATHOLIC CLUB.

(Continued from Page 1, Col. 4.) The price of the tickets will be only \$1.50, and every member of the club is expected to attend. The dance this year promises to be more of a success than last year's was. The committee has been unusually active and all the arrangements have been made except the sending out of the invitations. A full account of the arrangements will appear in an early issue of THE TECH. At the close of the meeting Father Scanlon addressed the fellows.

### TENNIS CHAMPIONS.

#### Australians Win Last of Series—Wright Unable to Meet Heath.

The last of the series of matches between America and Australia was played yesterday in Christ Church, New Zealand. The Australians again demonstrated their superiority when Norman Brookes defeated McLoughlin in the singles. An unfortunate accident occurred when Wright was unable to meet Heath in the other singles match owing to illness, and it seems that Larned might have stepped into the breach if he had not felt quakes about his chances of winning.

The Australians by the scores have apparently been in a class by themselves as the American players were the strongest team the country could possibly put forth. The New York papers hail the winning team as the greatest tennis experts the world has ever seen, and say that the rising talent in Australia will be able to defend successfully the cup for years to come. It is a great pity though that Australia is so far away from this country as it robs the cup matches of a great deal of their international flavor. If, for instance, Australia should have lost the cup the possibilities are that France, Germany, Spain and Italy, as well as England, America and Australia, would have played next year for the trophy.

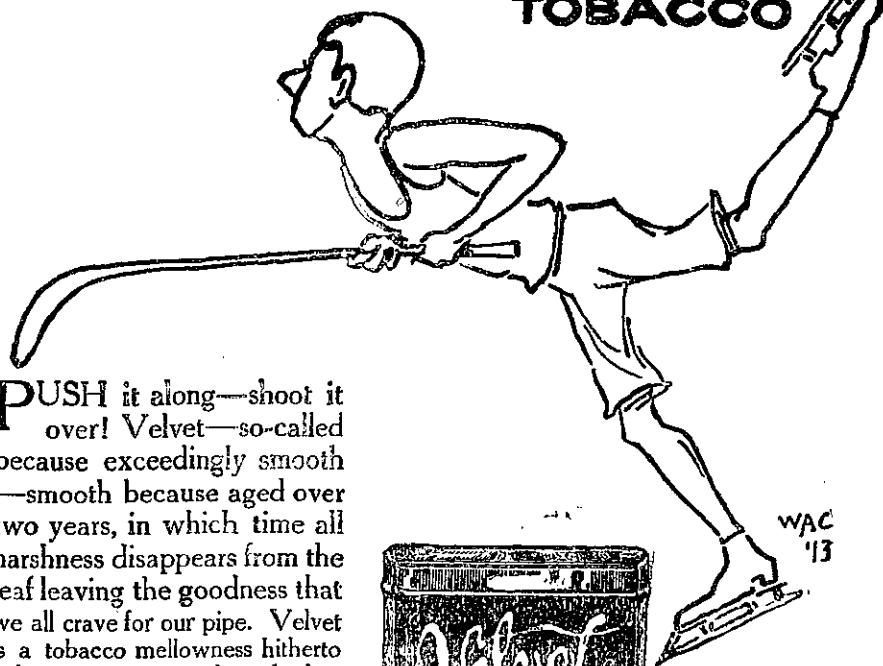
### PUBLIC SPEAKING.

The exercises in Public Speaking will be held today in 23 Walker, at 4 o'clock. Informal talks will be given by the following men: A. M. Loeb, "A Common-Sense View of Lynching;" Mr. D. W. Moore, "Apple Culture in New England;" Mr. W. R. Mattson, "Scientific Management;" Mr. H. M. Rand, "The Civil Engineering Summer School;" Mr. C. F. Cairns, "The Results of Overcrowded Population," and Mr. C. A. Lloyd, "City Planning in the United States."

Visitors are welcome to all these exercises.

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