

THE TECH

VOL. XXXI. NO. 94

BOSTON, MASS., THURSDAY, FEBRUARY 8, 1912

PRICE TWO CENTS

MR. BABSON LECTURES ON TRADE STATISTICS

In Illustrated Lecture He Explains the Necessity of Broad Outlook.

At the meeting of the Society of Arts last evening, over which Dr. MacLaurin presided, Mr. Roger W. Babson, '98, spoke on the application of systematic statistics to business conditions, before a good sized audience composed largely of business men.

Mr. Babson began his lecture by pointing out that Boston business men are too likely to confine their attention of commercial interests more to Boston than to the country at large. He showed that the money which a merchant on Boylston street took in came from all parts of the country. For example, money comes to Boston from the cotton plantations of the South, the wheat fields of the central States, the mines of the Rocky Mountain region, and the stock yards of Chicago.

Besides keeping track of commercial conditions in the country at large, the Boston business man must pay particular attention to the state of affairs in the city of New York, for New York is the great jobbing centre of the country, and a very large proportion of the business of the country is transacted there. He must also keep track of the different lines of business. He does not expect to sell his products to those engaged in the same kind of business as himself, but rather to those in other lines. Trade conditions in general are best followed by regular and accurate reports of the state of the leading branches of industry, the building trade being considered one of the best indicators of general business conditions. These statistics must include general public improvements and new railroad construction.

Bank clearings, those in the city of New York, which amount to half the total of the country, are a second barometer of the state of the industrial world.

The state of the labor market is best shown by the statistics of immigration and emigration. In this con-

(Continued to Page 2, Col. 2.)

FRESHMAN CLASS PIPES

Committee Will Be in Union Today to Receive Orders.

The attention of all Freshmen is called to the following: Today is the last day for the placing of orders for class pipes. The committee will be in the Union between one and two with samples and prices of the various styles of pipes. Several members of the class have been desirous of getting their pipes, but not many have shown up to give their orders.

H. E. Hadley, A. S. Morrison and W. A. Swain compose the committee, and arrangements can be made by seeing any of them some time today, or in the Union at noon. Having won a Field Day, every member of the Freshman class is entitled to a pipe with a T and the class numerals on it. Several fellows have already gotten their pipes, but those who have not can get them now without any trouble and at a slightly reduced price.

RELAY TEAM PICKED TO RUN DARTMOUTH

Institute to Be Represented by One of the Fastest Squads in the B. A. A. Meet.

Saturday evening the classical B. A. A. meet will be held in Mechanics' Hall. This meet is to indoor athletics what the I. C. A. A. A. meet is in the spring to outdoor sports, and college men from all over the country will be on hand to compete. It is a recognized fact by the sport fans in this vicinity that no better variety of clean sport can be seen than will be passed out to the spectators in the hall Saturday.

Tech will be represented at the meet with one of the fastest relay teams the "Stute" has ever had, and from present ratings it looks as if the Dartmouth team, against whom we are booked, will have a hard job to lead us. Bolton, 1914, is a new man in the relay game at the Institute and has shown up remarkably well. Munch has been a candidate for the team for the last two seasons, but has never ran as well as he did during the present trials, and is one of the reliables. Guething, although not showing up well in the first trials, has "come back" and is just as good as ever. His fine exhibition of last week, when he broke the already low record for the indoor quarter-mile, shows that he is not to be left out of the calculations, and there is no telling what he will do when he gets on the larger track in Mechanics' Hall. There is at present some doubt as to whether Bensen or Thompson will run, but either one is good, and it does not seem as if a decision deciding one or the other will make much difference.

Little is known of the merits of the individuals on the Green team, but Coach Hillman of the New Hampshire institution will send a fine delegation down, and the race between these two teams will be one of the events of the evening.

The team as given out will be composed of Captain Steinert, Dolan, Haywood and O'Connell.

Several other Tech men will compete in the invitation events, among whom will be Captain Dalrymple, who is looked upon as a possibility for

(Continued to Page 4, Col. 2.)

MUSIC COMPETITION

Coach Sanger and Authors Pick Two Lyrics for Tech Show.

Coach Sanger and Authors Vose and Seligman of the Show met fifteen of the music writers in the Union Saturday and picked two lyrics for "Frenzied French," as follows: "It's a Hold Up Game," by P. H. Taylor, 1914, and A. E. Howlett, 1913, and "Tell Me," by J. M. Hargrave, 1912.

The following men turned in some very good music and may receive copies of the remainder of the lyrics from Manager Thayer in the Show office: G. S. Stevens, L. Salomon, C. Ediscn, P. H. Taylor, A. E. Howlett, G. L. Uman, J. M. Hargrave, S. E. Clark, J. M. Hastings and F. H. Smythe. Thayer is in the office at 1 P. M. and 4 P. M. daily, and the men should report at once so that the music will be ready for rehearsal work.

INSTITUTE COMMITTEE ADOPTS TECH BUTTON

Committee Appointed to Make Plans for All-Undergraduate Dinner.

At the regular meeting of the Institute Committee, held yesterday afternoon, Major Cole addressed the body and read a long letter deploring the fact that Technology was not held in higher esteem in the outside world, and he suggested that the committee adopt a silk button bearing the Tech colors as the official button of the Institute. After a discussion the committee adopted a resolution which made the button official. These buttons will be ordered through the Bursar and thus eliminate a corner in the market by some of our enterprising dealers in Technology emblems. The cost will be in the vicinity of fifteen cents per.

The resignation of G. M. Keith as Editor-in-Chief of "Concerning M. I. T." and as a member of the Executive Committee of the Institute Committee was accepted, and E. B. Germain, 1913, was elected to fill the former position, while D. F. Benbow, 1912, will be the new member of the Executive Committee. D. J. McGrath, 1912, was elected to the position of Assistant Editor-in-Chief of the aforesaid book, vice E. E. Corbett, 1913, resigned.

The committee voted to express a vote of thanks to the Faculty, through the Secretary, for their kindness in extending the Junior Week vacation a half day, in order that Tech Show might arrange for available dates for their performances.

It was voted to appoint a committee to look into the practicability of holding an all-undergraduate dinner, to which all undergraduates will be invited, and at which the speakers will be entirely students.

It was found to be allowable for men to wear a "T" on pipes, provided it appears with numerals, but not without the numerals unless the man has won his letter in athletics. The committee voted to appropriate \$600 for the benefit of the Athletic Association.

(Continued to Page 3, Col. 2.)

SENIOR PORTFOLIO

Subscription Books in Hands of Members of Committee.

The members of the Senior Portfolio Committee have started the rounds with their subscription books and everybody desiring a copy of this year's Portfolio should sign up immediately. The members of the committee are: Randall Cremer, Course I; A. M. Eicher, Course XI; H. A. Babcock, Course II; F. J. Shepard, Course VI; R. P. Wallis, Course I.

The price of the Portfolio is six dollars, and a deposit of three dollars is required at the time of signing, the balance to be paid on delivery of the book. The committee, however, will offer no objection if anyone wishes to pay the six dollars down at the first payment.

The committee hopes that every Senior will have his picture in the Portfolio, as that publication forms a link with his class after graduation and its value depends on its completeness.

HOCKEY TEAM PLAYS AMHERST SATURDAY

Tech Should Have No Trouble in Conquering Purple and White Team.

Unless they can get some practice Friday the hockey team will be in bad shape to meet Amherst Saturday, as they were unable to practice yesterday because of the hockey game at the Arena last night. The team is playing together, however, and should have no trouble in putting it over the Purple and White seven, who have not shown up exceptionally well this year.

Williams outplayed Amherst in January, and won by a score of 5 to 2. Amherst's defeat in this game was due to the faster skating of the Williams men. They have a fairly good defence and will give the Tech forwards trouble in getting the puck past them.

Earlier in the season Amherst beat Trinity by a score of 3 to 0. In this game the Amherst men showed considerable ability in handling the rubber disk, despite their rather slow skating. Wilcox and Miller, on the offence, and Sibley on the defence, showed up better than the rest of the team in both of these games.

CANCEL DANCE ORDERS

Yesterday's meeting of the officers of the Battalion resulted in a majority declaring that it would be advisable to cancel the dance orders already filled out and to start afresh when the order appeared in the paper. This was decided after the men had acknowledged that their act had been hasty. The order will be published in Friday's issue of THE TECH.

Among other things, reports were heard from several men on the number of tickets sold to date, and it was found that many more must be sold in the course of a week in order to make it successful. Another matter considered was whether the officers should procure breast-cords, the uniform being considered too plain at present. It was finally decided that it would be better to do so.

With a dual meet between Harvard and Yale at New Haven, February 19, wrestling will be inaugurated as a permanent winter sport at Harvard with the approval of the Athletic Committee.

CALENDAR.

In Charge of S. H. Taylor, 1914.

Thursday, February 8.

1.30—T. C. A. Meeting—Union.
3.00—Track Practice—Oval.
4.00—Basketball Practice—Gym.
8.00—Roger Babson on "Business Conditions"—Huntington Hall.

Friday, February 9.

2.00—M. E. Society—Trinity Station—Trip to Newton.
4.15—Glee Club—Union.
4.15—Mandolin Club—26 Lowell.
5.00—Basketball Practice—Gym.
6.00—Hockey Practice—Arena.
8.00—Victrola Concert—Union.
8.00—T. C. A. Social—Union.

Saturday, February 10.

2.30—1915 vs. Lowell High, Track Meet at Lowell.
2.00—Musical Clubs' Picture—Notman's. Full dress.

THE TECH

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THURSDAY, FEB. 8, 1912

We are pleased to note that the officers of the Battalion have reconsidered their original intention of making out their dance orders before the official list is published.

The adoption by the Institute Committee of the button proposed by Major Cole is a long step in the right direction. It is one of the factors that will make for a greater unification than we now have among students, and, indeed, among Alumni and undergraduates. There now remains, first, to obtain a supply of the buttons, and second, to have the matter considered by the Alumni Association, to whom it has already been proposed. We earnestly hope that the Association will act favorably.

Another of the things proposed to the Institute Committee is that of an all-undergraduate dinner. President Peck of the Juniors proposed this, and we believe that it is another step in the right direction. The committee appointed to consider the matter and plan for it can reckon on the support of all loyal students.

The one unfortunate result of the Institute Committee's meeting was the choice of an Editor-in-Chief for "Concerning M. I. T." Not that we wish to decry the capabilities of the man chosen, E. B. Germain, but rather that it seemed advisable that a Senior be chosen for that office. It is difficult to believe that a competent Senior could not have been found.

However, the choice has been made, and we trust that all co-operation possible be afforded the editor, in order that a truly representative book may be published.

AN OUNCE OF PREVENTION.

The Adolph S. Lundin scientific system of Turkish Baths is the only natural and hygienic way to prevent that on-coming cold. Established nearly twenty years ago under the Tremont Theatre. Special rates to a party of six, five dollars.

It would not be wise to follow the example of the Battalion officer who says to Central, when she has given him the wrong number, "As You Were."

STANLEY AUTO SHOPS MECCA OF MECHANICALS

Trip Friday Afternoon Will Show All Stages of Auto Construction.

Friday afternoon the Mechanical Engineering Society will conduct a trip through the Stanley Automobile Company's plant in Newton. This expedition through one of the largest plants that is confined wholly to the production of steam vehicles will give a great many men a chance to see things that cannot be seen at any other place in the country.

Every part of the machine is made in the factory at Newton with the exception of the castings. The construction of this car is radically different from that of any other car on the market. The boiler, which is of the flash type, is made of pressed steel and is tested up to 700 pounds pressure. One of the important parts of this machine is the direct engine to shaft drive, which eliminates the use of any kind of driving mechanism, and therefore does away with a great deal of the bother which is common in other cars.

The party will leave the Trinity Station at 2.09, and every member of the society is expected to be present. Tickets can be procured from the officers of the society.

DR. MANN SPEAKS

The full one thousand and one are due in the Union today when Dr. Alexander Mann of Trinity Church will speak to the fellows. Dr. Mann has always shown an interest in Tech and Tech men, and preached many Baccalaureate sermons to the graduating classes.

These Thursday noon meetings have proven very popular. Besides the regular attendants nearly everybody will find this talk of Dr. Mann's particularly interesting. The meeting will begin at 1.30, and will be over in plenty of time to get to the 2 o'clock recitations, even if they are away over on Garrison street.

MR. BABSON'S LECTURE

(Continued from Page 1, Col. 1.)

In connection it is interesting to note that the strike in Lawrence is in large measure a result of the record-breaking influx of laborers of the summer of 1907.

A fourth barometer of the state of mercantile trade is the number of commercial failures. Where failures are on the increase business men must keep close watch of their credits.

Money rates, both foreign and domestic, must be carefully tabulated as a guide to future conditions. The balance of foreign trade is an indication of the state of the country as compared with that of the other nations of the world. Commodity prices have far-reaching effects, and so must be carefully followed. Railway earnings (Continued on Page 3.)

UNICORN CLUB LOSES

The B. A. A. seven was not quite as good as the Grande Mere team last night and lost by a score of 5 to 4. The play was good in places, but nearly all of the players had streaks of bad playing. Canterbury, the B. A. A. goal tender, was not up to the standard, and let several easy ones into the net.

Richie of the Grande Mere team was the star of the game, caging three of the points. Osgood, formerly of the Intercolonials, and Gardner, an old Harvard player, appeared for the first time in the Unicorn ranks, each playing part of a game.

Hicks, N. H. Foster, Richie and Dostaler played the best hockey. The goals were made by Richie, 3, Leslie, Foster, Tinard, Hicks and Dostaler. Two 25-minute halves were played.

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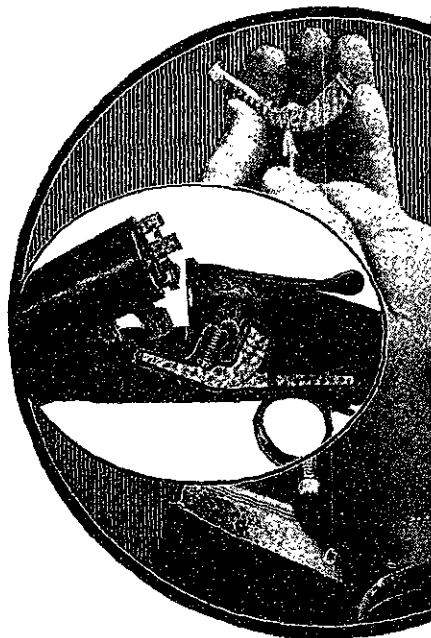
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MUSICAL CLUBS' CONCERT AT MELROSE HIGHLANDS

First Public Concert of the Year Is a Pronounced Success.

The combined musical clubs gave a concert last night at the Congregational Church in Melrose Highlands, which was undoubtedly the best that has been given for some time. The large auditorium of the church was nearly filled, and that the selections were enjoyed and appreciated was shown by the enthusiastic applause which followed most of them. The novelty feature of the evening was rendered by a quintet composed of four mandolins and a bass viol, which gave an unusually good imitation of the Scotch bagpipes. This number was an impromptu one, given on the spur of the moment, and none of the members had practiced it more than ten or fifteen minutes. However, it proved to be so good that it will be made a regular feature of the next two or three concerts.

The complete program was as follows:

1. The Song of the Cannibal...Scott Glee Club.
2. The Pink Lady Waltz.....Caryll-Odell Mandolin Club.
3. Sweet Corn.....Weidt Banjo Club.
4. Under the Southern Moonlight.....Allen Vocal Quartet.
5. (a) Butterfly Waltz.
(b) Boat Song.....Androef
6. Banjo Solo.....Selected Mr. Wells.
7. Winter Song.....Bullard Glee Club.
8. Plantation Symphony.....Eno Banjo Club.
9. Vocal Solo.....Selected Mr. Robinson.
10. Zamparite.....Lake Mandolin Club.
11. Take Me Back to Tech...Bullard Glee Club.

INSTITUTE COMMITTEE

(Continued from Page 1, Col. 3.)

It was voted not to accept the report of the committee appointed to investigate the practicability of abolishing all bulletin boards. They were instructed to look into the matter more than they had already done and report at the next meeting.

MR. BABSON'S LECTURE

(Continued from Page 2.)

are well known to be a good guide to the state of affairs.

Agriculture is the principal source of the wealth of the country, so crop conditions are very important. Crops depend largely upon weather conditions, so that the man who looks only at the local weather report is near-sighted. Soil conditions also have a great effect on the crops.

An important cause of business conditions is the tremendous annual fire loss of the country, which is about equal to the new construction.

Social and religious conditions must also be studied, for it has been observed that prosperity has followed periods in which the common obligations of justice, honesty and uprightness have been recognized.

As it is impossible for a busy man to study the statistics of the different industries Mr. Babson has compiled a chart in which all industries are considered and given their proper rating. It is interesting to notice that Newton's law of action and reaction applies to that chart; that is, that to every area of abnormal activity corresponds an equal one of depression and rest. Applying this law to the present state of the chart it appears that a period of depression is now due, the length of which will depend on its severity.

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RELAY TEAM PICKED
(Continued from Page 1, Col. 2.)
first place in the high jump. Wilkins and Wilson, the two Sophomore sprinters, will go into the scratch dash. Only two men from each organization will be allowed to enter this event, and it is looked upon as the classical one of the meet.

Another interesting event will be the Hunter mile, in which will be seen the old rivals, Abel Kiviat, of the I. A. C. of New York, and Oscar Hedlund, formerly of the B. G. A. A., but now running for the B. A. A. These two men are so evenly matched that up till the time that they cross the tape it is possible to pick either one as a betting chance. Kiviat has taken the greater number of the races that they have competed in, but Hedlund averages better time in the ones that he wins, and it seems that it is all a matter of who has the clearest head during the race.

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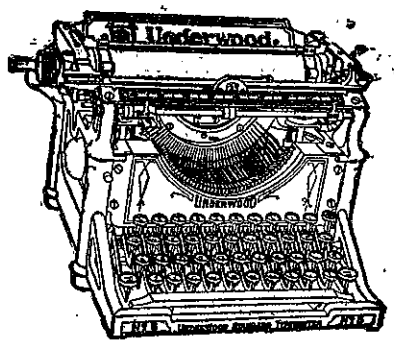
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