

THE TECH

VOL. XXXIII. NO. 95.

BOSTON, MASS., MONDAY, DECEMBER 8, 1913.

PRICE TWO CENTS

TECH SOUTHERN CLUB TO HOLD DANCE TONIGHT

Dancing To Start At Nine O'clock Thus Enabling The Fraternity To Be Present.

This evening at 8 o'clock the Technology Southern Club will hold its first big social function of the year in the form of a reception and dance at the Copley Plaza Hotel. The reception will start at eight, but dancing will not be begun until 9 o'clock, thus enabling all fraternity men who desire to be present an opportunity to attend their own meetings first and yet not be late for the first dance.

The Southern Club Dance is one of "the" social events of the season, and this year bids fair to break all records for being an enjoyable affair. The object of the dance is essentially to bring all Southerners into a closer relationship with each other and to engender a closer feeling of comradeship between those whose aim and ideals are much the same.

T. C. A. SOCIABLE

Prof. Derr To Give Illustrated Talk Friday Evening.

The T. C. A. is planning to give the second of a series of sociables to be held during the year. The sociable planned for will be held Friday evening in Huntington Hall. Previously the T. C. A. has always had its informal gatherings in the Union, but on this occasion, Huntington Hall has been selected.

The feature of the sociable will be an illustrated talk on "A Trip Through Scandinavia," by Professor Derr. Arrangements are being made for several attractive numbers to complete program of the evening, and announcements of these will be made later in THE TECH. It is very probable that the entertainment will be extended to the ladies, making it "Ladies' Night."

CHESS TOURNAMENT

Upper Classmen Defeated By Lower Classmen By Large Score.

On Saturday evening the upper classmen were defeated by lower classmen in a Chess Tournament held in the and 1917, 5 1-2; 1914 and 1915, 1-2. The Sophomores and Freshmen won all but one of the matches, which was a draw.

The contest between Paris '14 and Saladrigas '16 was quite close. It seemed at first as if the game were going to Paris but Saladrigas executed a clever checkmate. Jones '14 and Woodbridge '16 had a hard fight. At beginning Jones had the advantage, but Woodbridge came strong at the end and the game finally resulted in a draw. Johnstone '15 lost to Baxter '17, Weaver '15 lost to Deane '17, and Neumann '15 lost to Kenigsberg '17. Sears '15 and Snyder '16 had a rather close game, but Sears lost his queen near the end, which resulted in his defeat.

Rumors that the date of the Harvard-Yale game would be changed to Thanksgiving are without foundation.

RESEARCH WORK IN TECH'S BIOLOGICAL DEPARTMENT

Partly Summarized In Address By Professor Sedgwick Before Health Association.

In the Food Symposium number of the Journal of the American Public Health Association are given in clear and readable form the results of the research work done last summer by the staff of the Biological Department at the Institute. An article by Professor Sedgwick dealing with general aspect of the food problem is given space. The article is a reprint of an address given before the Association at its last convention. Prof. Sedgwick spoke on "The Reappearance of



PROF. W. T. SEDGWICK

the Ghost of Malthus." He brings out the fact that the American people can no longer neglect as they have been doing the sources and amount of their food supply, but must realize the truth proclaimed by Malthus at the close of the eighteenth century that population tends always to out-run food supply.

The doctrine of Malthus, said Professor Sedgwick, has never challenged the serious attention of the American people. Malthus taught that human (Continued on page 3.)

WINTER CONCERT

Tickets for Reserved Seats To Be On Sale Wednesday

The tickets for reserved seats at the Winter Concert will be out on Wednesday and will be on sale in the Union at noon.

The program for the evening will be as follows:—

The Sword of Ferrara	Glee Club
Song of the Boatmen on the Volga	Mandolin Club
Three for Jack	Glee Club Quartet
Darkies' Dream	Banjo Club
Intermission.	
Echoes of '61	Combined Clubs
The Long Day Closes	Mandolin Club
Peter Piper	Mandolin Club
Mrs. Winslow's Soothing Syrup	Glee Club Quartet
Stein Song	Combined Clubs

NOVICE TEAM TAKES FIRST WRESTLING MEET

Tech Wins By Score Of Seven To Two—Goodell's Work Feature Of The Evening.

Last Saturday evening Tech opened its wrestling season by defeating the B. Y. M. C. A. in a novice meet. The majority of the bouts were close enough to be full of interest, although the Tech men had little trouble in winning seven out of nine. Both defeats were in the heavyweight class. A fair-sized crowd, including many Tech supporters, witnessed matches, and the room rang repeatedly with M. I. T. cheers.

The most interesting exhibition was that put up by Goodell. He was first matched against a man of his own weight, and by fast work succeeded in throwing him in twenty-three seconds the shortest time of the evening. But this only served to warm him up, so another opponent was found. The second man, Clark, outweighed Goodell rushed his man and tripped him. They then clinched and for a time the work was very spirited with Goodell on the offensive. They had great difficulty in staying within the limits of the mat. Finally Goodell's persistency won and he got his sec-

Another interesting bout was a handicap match between Captain Kelly and a B. Y. M. C. A. man, Andrews. It had no part in the Novice Meet for both participants were old hands at the game. The agreement was that Kelly should throw Andrews, who was lighter, inside of ten minutes. After a few moments footwork Kelly pulled his man down to the mat, but was unable to turn him over. Kelly secured the advantage with crotch holds but could not get a fall within the ten minutes.

The first match was rather uninteresting as Stebbins contented himself with wearing his opponent. Soto, out. The second match was livelier and ended unexpectedly when Bone tripped Losero and got a fall.

Durkee had the advantage in a slow bout and finally threw his man. Berger and Ray were evenly matched for a time but the former secured a fall (Continued on page 3.)

DELAY IN TENNIS FINALS

Misunderstanding On Part Of The Contestants The Cause.

Arrangements had been made to have the final round in singles of the Fall Tennis Championships played Saturday afternoon at Jarvis Field, but owing to a misunderstanding on the part of the contestants the match was not played.

R. A. Warren '15 and H. R. Stewart '16 were the contestants, and the former thought that the match was to be played Saturday and went to the grounds. Stewart, however, had not understood it so and did not go to the Field.

The officers of the Tennis Association hope that the men will get together quickly and arrange for another date, as the time left for tennis is becoming short.

FRESHMAN BASKETBALL TEAM VICTORIOUS

Strong Oliver Ames High School Team Loses Interesting Game 37 To 20.

In a clean, fast game the Freshman Basketball Team defeated Oliver Ames High School at North Easton Saturday evening by the score of 37 to 20. Much credit devolves upon the Freshmen, as Oliver Ames has always put a fast team in the field, and this year's five is in all respects up to the average. Tratt, well known as a basketball official throughout the state, refereed the game and gave it as his opinion at the finish that Tech 1917 team could defeat any High school quintet in Massachusetts.

1917 got the jump at the start and scored four baskets from the floor before their opponents found themselves. The rest of the half was even between the two teams, both excelling in their passes. The half ended with the score 20 to 13 in favor of 1917. The second half was more one-sided, the Freshman guards keeping the Oliver Ames forwards so well covered that the latter were forced to try long shots in their attempts at the basket, thus keeping the scoring low. The Freshmen shot at will from all positions on the floor. Of the eight baskets scored by Rausch, seven were from directly underneath.

Malloy and Captain O'Brien, Cawlin and Gokey played well for the Freshmen.

The lineup.—
Tech 1917. Oliver Ames.
Cawlin, lf. rb, Tomeroy
Getchell, lf. lb, Cotter (Capt.)
Rausch, rf. l. lb, Irving
Gargan, c. c, Malloy
Gokey, c. rf, Clonan
O'Brien (Capt.), lb. lf, Mason
Kendall, Richardson, rb

Baskets from floor—Rausch 8, Cawlin 5, Malloy 5, Gokey 4, Cotter 2, Clonan 2, Getchell. Fouls—Malloy, Clonan, Richardson. Referee, Tratt. Time, 20 minute halves. Attendance, 200.

HOCKEY PRACTICE

The Hockey Team held its last practice at the Arena and there was a record attendance of candidates. The men were divided into five teams, and each team played a practice game with the Pilgrim A. C. Rogers, Clifford, and Hurlburt, of last year's squad, acted as coaches.

CALENDAR

Monday, December 8, 1913.

8.00—Southern Club Dance—Copley Plaza.

Tuesday, December 9, 1913.

5.00—Banjo Club—26 Lowell.
8.00—Boston Scientific Society—585 Boylston Street.

Wednesday, December 10, 1913.

1.00-2.00—Winter Concert Ticket Sale—Union.
7.00—Hockey Practice—Arena.

The Pennsylvanian reports that the chances for a wrestling team this year are particularly bright.

THE TECH

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

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

MANAGING BOARD.

S. H. Taylor, '14.....General Manager
E. A. Weaver, '15.....Editor-in-Chief
C. W. Lacy, '15.....Advertising Manager
H. Rogers, '15.....Circulation Manager
G. A. Palmer, '15.....Treasurer

NEWS BOARD.

J. K. Heller, '16....Assignment Editor
W. T. Kneisner, '16....Institute Editor
G. W. Wyman, '16....Societies Editor
J. E. Carr, '16.....Athletic Editor
C. W. Loomis, '16.....Associate Editor-in-Chief

H. W. Lamson, '15.

NEWS STAFF.

C. W. Hawes, '16....H. P. Gray, '16
R. Mills, '16.....E. F. Hewins, '16
L. E. Best, '15....H. W. Anderson, '15

BUSINESS STAFF

R. Alfaro, '16

OFFICE HOURS.

(Daily except Saturday)
General Manager.....5.30 to 6.00 P. M.
Managing Editor.....5.00 to 6.00 P. M.
Advertising Manager..1.30 to 2.00 P. M.
Treasurer1.30 to 2.00 P. M.

Office, 42 Trinity Place.
Phone—Back Bay 5527 or 2180.
Night Phone—Back Bay 5527.

Subscriptions, \$2.00 per year, in advance. Single copies, 2 cents.
Subscriptions within the Boston Postal District, and outside of the United States, must be accompanied by postage at the rate of one cent a copy.

MONDAY, DECEMBER 8, 1913.

In Charge of This Issue

Editors—H. W. Anderson '15, C. A. Sandburg '14.

Associate—P. W. MacNeill '15.

The undergraduate Walker Memorial Committee, having been organized, and being ready to take up its duties, it is up to the student body to see that it has something to do. The fundamental purpose of its organization was to transmit to the men in charge of laying out the buildings, ideas gathered from the student body regarding arrangement, accommodations, special features, and provision for probable expansion, of the locations assigned to the various student activities.

Alumni are necessarily less conversant with the specific requirements of student life than undergraduates. If the latter do not come forward with their opinions while they can be put into practice, valuable ideas may be lost. The committee ought not to have to solicit opinions, but rather to devote their whole time to considering and transmitting those that come in voluntarily.

We feel that the hockey team would be much more consistently supported than in the past years if the price of admission to the Arena could be lessened. There are many of us who are willing to pay seventy-five cents for a cheering-section seat once or twice during the season, but there are few who can and fewer who will, during the season do so over a whole winter's schedule. If some arrangement for the selling of season tickets could be made, or if the Arena management could be induced to grant reduced rates in return for a guarantee on Tech's part of a crowd of stipulated size, we have no doubt that larger attendance and more effective cheering sections would result.

In large measure, hockey is to Tech what football and baseball are to most colleges. Its nature and importance should entitle it to better support than it has customarily had. Every effort should be made now, before the season gets well under way, to bring out Tech enthusiasm to back the team.

COMMUNICATION

To the Editor:

Dear Sir—The Tech Southern Club was recently criticised in an editorial in THE TECH for choosing Monday as the night for the dance. The basis of the criticism was the fact that the fraternities hold their meetings on that night.

Allow us to state that the date was selected not through any gross inattention on the part of the committee, but because December 8 was the only night open at the Copley Plaza Hotel before Christmas. To make it possible for fraternity men to attend, we plan to start the dance itself at nine o'clock. The time preceding will be devoted to reception. We so informed all the fraternity men, and they will have ample time to attend their meetings and yet not be late for the first dance.

We assure you that the criticism was well taken, and appreciate the interest you have taken in the matter and the space you have given us in THE TECH.

Yours truly,
Dance Committee.

CHINESE STUDENTS

Association Holds Meeting Saturday
—Speaker From Harvard.

The Chinese Students' Association of M. I. T., which is a branch of the National Intercollegiate Alliance of Chinese Students in American Colleges held a regular meeting in the Union Saturday afternoon. At this meeting papers were read by C. C. Tseng and Loy Chang. Tseng is a student at the Institute, and spoke on the subject of "Three Classical Problems," while Chang, who is a student of Harvard University, spoke on the "Organization of The Departments of Engineering, Science, and Art.

The Club holds meetings fortnightly and it is the custom for the clubs at the Institute and Harvard to exchange speakers. The object of this is to broaden the scope of knowledge of the members of both organizations. In the National Alliance the organization is somewhat complex, owing to fact that there are in American colleges over a thousand Chinese students. Each year three general conventions are held; one in the East, one in the Middle West, and one in the extreme West. These conventions are usually held during the summer months, and it is the duty of the Sectional Chairmen of the Alliance to select speakers from the various clubs to address these meetings.

LANTERN SLIDES SHOWN

Technology Alumni In Canada See Pictures Of New Tech.

The lantern slides which were shown by President Maclaurin and others at the student convocation in Huntington Hall a month ago are now making the rounds of the alumni associations accompanied by an outline of notes for the speaker. In this way the Technology graduates in other cities will become familiar with the plans, and by means of other lectures will be able to keep tabs on the progress of the work on the New Technology.

The pictures were shown on Thursday and Friday to the Technology Club of Lower Canada at Montreal, and on Saturday next will be shown before the Pittsburg Association, M. I. T., after which they will go to Cleveland and other western cities. They are due back in Boston in January, and will be used in part at the Alumni Association dinner.

McMORROW

College Shoes for College Men

238 Washington Street, Boston, Mass.

OPPOSITE THOMPSON'S SPA

C. F. HOVEY & CO.

Summer, Chauncy and Avon Streets

Men's Custom Shirts

Colored Madras Shirts, made of D. & J. Anderson's fine quality Scotch Madras, in plain, Bosom or Negligee Style, with Neckband and One Pair of Cuffs, attached or separate Price \$3.50

Colored Madras Shirts, same style as above, but of finer quality material. Price \$4.50

Men's White Bosom Shirts, for Business or Dress. Made to order from \$2.00 Upwards

Fit and Quality of Workmanship Guaranteed

All our Custom Shirts are Hand Buttonholed and Hand Finished.

GET YOUR BOOKS AT
The Old Corner Book Store, Inc.
27 AND 29 BROMFIELD STREET
BOSTON

HOTEL BRUNSWICK

BOSTON

European and American Plans
HERBERT H. BARNES, Proprietor

Go to **METCALF'S**
FOR YOUR
**Medicine, Toilet Articles, Soda,
Candy and Tobacco**
Prescription Druggists since 1837
CLARENDON AND BOYLSTON STREETS

NOVICE WRESTLING MEET

(Continued from page 1.)

after tiring out his opponent. The next match between the heavyweights Taylor and Crowell afforded much excitement. Taylor finally won after ten minutes' hard work. Blakney put up a fast bout against his opponent, throwing him in four minutes.

In the last match Doc Leslie put up a good fight against a more experienced man. He got out of the many bad situations by his strength, but was finally pinned down for a fall.

The summary of matches:—

115-pound class—H. L. Bone, Tech, won from J. Losero, Y. M. C. A.; time, 1 min. 53 sec.

125-pound class—B. H. Stebbins, Tech, threw S. Soto in 12 min. 55 sec., with a half-Nelson and body hold.

135-pound class—C. H. Durkee, Tech, won from T. Morse, Y. M. C. A., with a head hold and arm scissors in 11 min. 30 sec.

135-pound class—Berger, Tech, threw G. Ray, Y. M. C. A., in 10 min 45 sec.

158-pound class—C. A. Blakney, Tech, threw J. Osborne, Y. M. C. A., with a body and arm hold; time was 4 min.

158-pound class—E. B. Goodell, Tech, threw L. Young, Y. M. C. A., in 23 sec.

158-pound class—E. B. Goodell threw Clark of the Y. M. C. A., heavyweight class, with a half-Nelson and crotch hold, in 9 min. 3 sec.

Heavyweight class—A. D. Taylor, Y. M. C. A., threw C. R. Crowell, Tech, in 10 min. 25 sec., with a head chancery.

E. J. Benson, Y. M. C. A., threw F. H. Leslie, Tech, with head hold and arm scissors, in 10 min 40 sec.

Handicap—J. G. Kelly, Tech, failed to throw J. Andrews, Y. M. C. A., in 10 min.

The smoker of the Senior Class at the University of Illinois held last Saturday, according to the daily Illini, "included a real boxing match and a real feed."

**THE
Barber Shops
AT THE
Copley Plaza
Boston, Mass.
AND THE
Plaza
New York
Are under management of
Carl A. Zahn**

Windsor Cafe
78 Huntington Ave.
The most attractive cafe in the Back Bay section
The best of everything
plendid service
Reasonable prices
Our special 40c and 50c luncheons are very popular
Music evenings and Sunday afternoon.

**PUBLIC HEALTH STUDENTS
EXTENDED INVITATION**

Boston Scientific Society Invites Tech Men To Hear Dr. E. H. Slack.

Advanced students of the course of Biology and Public Health, together with members of the Co-operative School for Health Officers have been invited by the president of the Boston Scientific Society to attend the meeting of Tuesday evening. Dr. F. H. Slack, secretary of the Boston Health Department, will speak about the great steps that have been taken by sanitarians in controlling disease. Dr. Slack has been head of the Bacteriological Laboratory of the Health Board, and in past years has been one of the special lecturers in Professor Sedgwick's department. The Boston Scientific Society cordially invites any other students at the Institute who may be interested in the subject. The meeting will be held at 8 o'clock at 585 Boylston street, Copley square.

BANJO CLUB

On Tuesday afternoon the Banjo Club will hold its regular rehearsal at 5 o'clock in 26 Lowell. All members must be present as the complimentary tickets for the Winter Concert will be given out at that time to the men who have paid their dues. All members absent will be barred from playing in the concert, and the manager will be on hand to receive all dues.

BIOLOGICAL RESEARCH

(Continued from page 1.)

happiness can never be attained on the basis of material wealth, since population, increasing as it does in geometric progression, will always press upon the food supply, which increases simply in arithmetic progression. The theory has claimed wide attention among biologists, in view of the fact that Darwin was led by consideration of it to his famous deductions with regard to the struggle for existence, which is largely a result of a curtailed food supply; but on this side of the water the doctrine has had mainly a theoretical interest, since its application to the human species has never seriously threatened. America has been the "new" world, with always plenty of room for expansion into fertile regions where danger from crop failure was small, and danger from actual famine practically nil.

At the present time, however, after paths into the West have been stopped, and the great tide of transcontinental migration has been turned back upon itself. The people are becoming massed into great cities, and the ratio of those engaged rather in food consumption than food production to the producers of edibles becomes increasingly large. Population may double itself in twenty-five years. Can the food supply increase at this rate? It is not pretended that the danger is at hand, but it is contended that the shadow of it may be described in the distance, and that the present is the time to take such precautions as we can for the possible exigencies of the future.

Many straws point the way the wind is blowing. The rise of prices within the last few decades, although due in part to the increased production of gold, is not wholly unrelated to diminishing supply of, and its converse, increased demand for, food materials. The flesh of wild animals, such as partridges, bear, venison, etc., (Continued on page 4.)

L. P. HOLLANDER & COMPANY

A Suggestion

Already people are beginning to say

"Do your Christmas shopping early"

In selecting gifts for your friends, we recommend an inspection of our stock of

- Neckwear
- Hosiery
- Bathrobes
- Smoking Jackets
- Canes and
- Umbrellas

In our Men's furnishing department

Quality considered, our prices are as low as can be found in the city.

Old Colony Trust Company.

Capital . . . \$6,000,000
Surplus . . . 8,000,000

Equipped to Furnish Every Banking Facility

One account commands the services of two centrally located banking offices

17 Court Street 52 Temple Place
Boston

STONE & WEBSTER

CHARLES A. STONE, '88
RUSSELL ROBB, '88
ELIOT WADSWORTH, '91
EDWIN S. WEBSTER, '88
HENRY G. BRADLEE, '91
DWIGHT P. ROBINSON, '92
JOHN W. HALLOWELL

Securities of Public Service Corporations
Under the Management of our Organization

STONE & WEBSTER Management Association
General Managers of Public Service Corporations
STONE & WEBSTER Engineering Corporation
Constructing Engineers

AT THE
THEATRES

TREMONT THEATRE

Evgs. 8. Mats. Wed & Sat. at 2.

Damaged Goods

HOLLIS ST. THEATRE

Evgs. 8. Mats. Wed & Sat. at 2.

NAZIMOVA

— IN —

Bella Donna

PARK THEATRE

Evgs. 8.10. Mats. Wed. & Sat. 2.10

STOP THIEF

Prices 1.50, 1.00, 75c, 50c, 25c

BOSTON THEATRE

Evgs. at 8. Mats. Wed. & Sat. at 2

THE WHIP

Prices 25c to \$1.50

COLONIAL THEATRE

Nights at 8. Mats. Wed. & Sat. at 2

THE LADY OF THE SLIPPER

PLYMOUTH THEATRE

Evgs. 8.15. Mats. Thurs. & Sat. 2.15

Henry Jewett Players

— IN —

The Broad Highway

MAJESTIC THEATRE

Evgs. 8.10. Mats. Wed. and Sat. at 2.

The Great Adventure

SHUBERT THEATRE

Evgs. 8. Mats. Fri. and Sat. at 2.

A Thousand Years Ago

CASTLE SQ. THEATRE

Daily at 2.10 and 8.10

"Sag Harbor"

STUDENTS

PATRONIZE

OUR ADVERTISERS

*Young Mens Hats
for Every Occasion*
COLLINS & FAIRBANKS COMPANY
383 WASHINGTON STREET - BOSTON

BIOLOGICAL RESEARCH

(Continued from page 3.)

once so common on our tables and in the markets, has all but disappeared. With fish the case is qualitatively similar. Lobsters, clams, oysters, cod, haddock, and other sea-food animals, are fewer in number than ever before, some being two or three times as expensive as they were twenty years ago, and some being practically non-existent except where specially cultivated.

In the matter of exports in staple foods the case is much the same, for in such articles as corn, wheat, beef and the like, exports are rapidly decreasing. In this regard, however, a fact of extreme significance is to be noted. Our exports of manufactured goods are constantly increasing—a fact which indicates that the character of the country is slowly changing, that an agricultural nation, producing food in abundance, is becoming a manufacturing nation, with heavy consumption, and comparatively light production of foodstuffs. Another indication of this metamorphosis is the previously mentioned massing in cities of our population, and the gradual flow of young men from the rural to the urban sections of the country, a flow which lessens the production of foods, even though it does not increase demand for it. Conditions of extreme want, such as exist at times in China and in some countries of Europe, have of course not been reached, but the tendency of such conditions is strong, and their prevalence, if nothing is done to prevent the full outworking of the forces now in operation, will be but a question of time.

Three great checks, however, are in operation: improved transportation, the art of canning, and cold storage. Transportation and its development are familiar subjects to us all. The art of canning was brought into being about 1810 by the French technologist, Appert. In this country the first canning operations were started about 1820 by William Underwood of this city. It is interesting in this connection to note that his descendants, through the W. Lyman Underwood Company, are still engaged in this business. Mr. Underwood is at the present time a special lecturer in the Biological Department. He has engaged in much research work, especially with reference to the relations between insects and disease transmission, in which he is more especially distinguished.

Cold storage, the third of the checks which are holding Malthusianism at bay, is the most recently developed among them. The principles of cold storage have been known for centuries, but it is only within the last generation that their application has become of sufficient importance or extent to be considered a factor in food questions. The importance of these three processes will be realized only if one pauses to contemplate the enormous quantities of food-stuffs which are preserved by canning and by cold storage methods, and upon

the ease and rapidity with which these edibles may be transferred by rail and water from any part of the country to any other.

We must not feel too secure, however, for the mere existence of these preventative possibilities. Their application to actual conditions must be understood, and any attempt to study the economic aspects of such application will demonstrate that this in itself a great problem. A poverty-stricken country, for instance, would find great difficulty in meeting a famine. Ireland starved with wealthy England close beside her. Food has been exported from parts of China while other parts were suffering direst want. Wealth widely distributed, on the other hand, would enable any land to purchase food enough from others to tide it over a famine, so that the food problem is seen to have largely an economic basis; and this combination of economic, social and biological conditions serves to render the problem of food supply hopelessly complicated. The advantages which biological science could lay at the feet of a people threatened with starvation would be of no avail in the absence of means to pay for them.

The one conclusion to which we are inevitably forced is that no good food can be wasted. It will not continue possible for all to enjoy equal privileges: foods must be graded and prices arranged to fit the variation in the sizes of purses—a variation which, however much to be deplored, will have to be dealt with as a fact. Food must be of good and wholesome quality, but the poor must be content with a lower "grade" than the rich are able to afford.

"Meanwhile we must encourage in every possible way, intensive agriculture, conservation, and increased production. Cheap and abundant food is the corner-stone of a prosperous and healthy people. With such food civilization may or may not reach high levels; but without it the best forms of civilization cannot long endure."

FACULTY NOTICE

The exercises of the Institute will be suspended during Christmas week, from December 22d to December 27th, inclusive.

By vote of the Faculty, Instructors are requested to send to the Dean the names of all students who are absent from exercises on Saturday, December 20th, and on Monday, December 29th.

A. L. MERRILL,
Secretary.

FOUND ARTICLES

The articles enumerated below have been found, and owners of the same may obtain them at the office of the Superintendent of Buildings and Power, 26 Trinity Place:—

2 Books, 1 Pin, - Raincoat, 1 Knife, 2 Notebooks, 1 Umbrella.

Massachusetts Aggies have begun hockey practice.

The Original
TECH BARBER SHOP
585 Boylston Street
Copley Square
Bootblack Second Floor

RICHARDS SCHOOL OF DANCING

30 Huntington Avenue
Huntington Chambers

Beginners' Class Monday 8 P. M.
Advanced Class Saturday 8 P. M.
Assemblies Friday 8.30 P. M.

Private lessons by appointment daily
Telephone E. B. 6060

STUDENTS' CAST-OFF CLOTHING
and other personal effects bought by

KEEZER

360 Columbus Avenue
Near Dartmouth St.

Highest prices paid for same.

Tremont 916 Phone., Write or Call
Open Evenings to 9 o'clock

ESTABLISHED 1826
Brooks Brothers
CLOTHING
Gentlemen's Furnishing Goods.
BROADWAY COR. TWENTY-SECOND ST.
NEW YORK.

Useful Christmas Gifts for
Men and Boys are listed
alphabetically and priced in
our booklet

"Christmas Suggestions"

which we will be pleased to
send on request.

BOSTON BRANCH

149 Tremont Street

BEST PRICES

On

DRAFTING INSTRUMENTS,
PAPERS, TRACING CLOTH,
TRIANGLES, T SQUARES,
SLIDE RULES, PENCILS, ETC.
PAINTS, VARNISHES AND
HARDWARE

**Wadsworth,
Howland & Co.**

Incorporated

222 CLARENDON ST.

Also

84 WASHINGTON ST