

TECH NEWS



VOL. I.—NO. 5

WORCESTER, MASS., WEDNESDAY, OCTOBER 13, 1909

PRICE THREE CENTS

CALENDAR FOR THE WEEK.

- Oct. 14. Mountain Day.
Oct. 15. 5 p.m. Cross-country run.
8.00 p.m. Election of officers of the Civil Society.
Oct. 16. W. P. L. vs. Mass. Agricultural College at Amherst.
Oct. 18. 5 p.m. Orchestra and Band rehearsals. Remember the football practice and tennis tournament.

TO ENGLAND VIA CATTLEBOAT.

Have you ever contemplated a trip to England on a cattleboat, and then, because someone gave you a rather unpleasant account of his experience, given up your trip? Then you missed as pleasant and as instructive a summer vacation as you could possibly have had here in the States for an equal amount of money.

Because of the increasing popularity among college men of this mode of travel, arrangements must be made some time in advance. After paying five dollars just because you are a college man and have lot of money (?), and receiving instructions as to what to say when you meet the Government shipping officer, you feel as if you were going through a condition examination at the Institute. A couple of hours before sailing, all the "stiffs," as the men who receive no pay are called, are put on the boat, while the longshoremen load on the cattle.

The next morning after you have slept all night in your clothes with a blanket around you to keep warm, you are awakened by "five o'clock—time to get up!" You jump up, put your shoes on and, after washing a little of the hayseed out of your eyes, for you slept on a hay mattress, you with two others start watering about a hundred steers. If perchance you have had physics, you gain an entirely new conception of mass when a steer drinks four to six pails of water. About seven you are through, and as it is an hour before breakfast, you decide that a sleep in the sun will help to dry up some of the water the steers have slopped over your legs and feet. Of course you don't mind the deck as a bed, for although it is hard in places, you are a cattleman and used to rough life, so you spend the next hour asleep. After breakfast you carry bags of corn along the aisles, and dropping them at various places, leave them for the paid men to distribute. After that, about half the "stiffs" climb into the hold and help in the hoisting of the grain and hay by the steam winches. This lasts until eleven, and after feeding hay from two-thirty to four, your day's work is done.

In the evening all the college men sit on the deck aft and the yarns come thick and fast. There are usually a few of the regular hired men that join the number, and their versions of various happenings are often humorous as well as far-fetched. In this manner, time passes

quickly, and at two bells all turn in; but now your bed is on deck, where you lie, swept by ocean breezes.

I have thus far omitted saying anything of the food, for it well deserves mention in a separate paragraph. If you were at all "wise" you met the steward 'tween decks and after a "little persuasion," you received three meals a day. Duck, chicken roasts, eggs, vegetables, jam, jelly, fresh biscuit, cake, and the like are on your bill of fare. But if you are a non-believer of tipping, you eat twice a day a mixture called "seouse," a soup of doubtful antecedents, while for the other meal, you eat bread and jam. You can always have tea or coffee and prescribed amounts of sugar, condensed milk, butter, jam, bread and salt.

At sea, all days are alike, so from the above you have some idea of how you may pass the time during the trip. This description may sound unattractive, but if you ever intend taking the trip, remember it is only for ten days, and you will have such a good time in merry England that you will become a confirmed "voyageur de bateau brauf."

10.

TECH CHEERS.

The desultory cheering on the part of Tech rooters at the recent Academy game might be laid to various causes. But aside from the unfavorable conditions which alone might affect the cheering considerably, we have got to admit that we are sadly lacking in the fact that we have no yell that makes noise enough. This is not to detract from some of our present yells, for there is nothing more inspiring than a "good old P. L.," but simply to point out that most of our yells are short and jerky, and make no appreciable impression against such a wall of sound as is caused, for instance, by that well known "Hoy-a."

Now just a word on this last mentioned yell. In the first place, it has the proper combination of letters to make a deep rolling tone; in fact, it would be hard to find a more efficient combination. Moreover, it is long drawn out and covers a sufficient period to allow everybody to get together, to get working in unison.

Now to return to Tech yells. In none of our yells have we a proper combination of letters to cause this desired effect. Our yells may be snappy, but the syllables are cut so short that there is no chance to put power into them. Then, too, it is hard to start together, and still harder to keep together once started. All these little hings are serious drawbacks to successful mass-cheering. Now what we have got to do, and that soon, is to hit upon a yell that shall have these requirements. Let this start everybody thinking, and we ought soon to remedy present defects.

In order to give an idea of what is meant by this article and to "start

something," the following yell is submitted. There has been some attempt to make it appropriate, but its chief recommendation is in the fact that it starts with a good combination of letters, slow, long drawn out, and powerful. Then comes a snappy interruption, followed by another slow-syllabled word, and a short, sharp termination. The first part, Boynton, etc., is for the inspiration of our teams; the last part is given for the school, and would leave no doubt in any hearer's mind as to who were doing the cheering.

B-O-Y-N-TON!

B-O-Y-N-TON!

B-O-Y-N-TON!

Rah, rah, rah!

Rah, rah, rah!

Rah, rah, rah!

W-O-R-CESTER-TECH!! RAH!!!

TECH, 6; UNION, 0.

Friday afternoon, the following squad journeyed to Schenectady, N. Y.: Captain Waring, Clough, Gleason, Brown, Frissel, Sherman, Herrick, M. G. Halligan, B. J. Halligan, Power, Cleveland, Curley, Dodge, Tuttle and Gillette.

On Saturday afternoon they lined up against the strong Union eleven. The men at this college always turn out a good team for a small institution, and this year is no exception.

The game played was chiefly of the old style. Our team tried some of the more recent plays, but as they were not very successful, they settled down and played the same game Union exhibited throughout.

It was one of the greatest games ever played on the Union campus. The first half was a see-saw game—first one team had a slight advantage, then the other. Back and forth went the two lines. Sometimes one eleven would spurt, only to be held when getting dangerous. Tech tried a couple of forward passes, but they did not avail much. There was considerable kicking, but Clough's trusty foot gained much advantage for Tech on this style of play. The game was an admirable exhibition of spirit and fight, and when the half ended scoreless, both teams were cheered generously.

Having had a little the better of the first half, Tech went in determined to score in the second half. Slowly but surely they gained. But they were playing as game a team, and Union was there with the "comeback" every time. With about five minutes left to play, Tech secured the ball and started on a last desperate attempt to tally. Gritty and determined work advanced them towards Union's line, and with but three minutes to spare "Birdie" Halligan repeated his performance of scoring, and went over the line on a cross buck. Clough kicked a difficult goal.

The game closed with Union fighting hopelessly to overcome Tech's advantage.

A big crowd of Tech "grads" witnessed the contest, and it is needless to tell of their joy. There is no happier

rooter than a Tech man over a winning team, and it is safe to say that the appearance of these old Tech boys was no small factor in encouraging the victory. A good husky P. I. and Hika Heck in a strange land is the sweetest of music to one of our teams battling for victory.

After the game, the Schenectady Alumni Association banqueted the team, and entertained them in such a royal manner that its remembrance will linger long in the memory of every man on the team and boost his Tech spirit several notches.

CROSS-COUNTRY CHAMPIONS.

It was the fastest run ever made over the course. George Slocumb and Porter had another great race of it, and the plucky sophomore just nosed out another victory in the last few yards of the course. Hedstrom was a good third and Hennessey a close fourth. Atherton made a courageous finish and earned a hard victory over Woods by inches only. The remainder of the scorers did excellent work, and there were some very exciting finishes.

The score to date is: 1913, 239; 1912, 123; 1911, 58.

The point winners in the last run were as follows: Slocumb '12, 20; Porter '13, 19; Hedstrom '13, 18; Hennessey '13, 17; Atherton '11, 16; Woods '13, 15; Zylstra '13, 14; Cunningham '12, 13; Gridley '13, 12; Learned '11, 11; Walker '12, 10; Donovan '13, 9; Wheeler '12, 8; Peters, '13, 7; Pease '13, 6; Warren '13, 5; Leonard '13, 4; Gowing '13, 3; Porter '12, 2; Snow '13, 1.

There is going to be some hard fighting for the five ribbons offered to the winners. It looks as though Slocumb would win the cup, however. The point winners who seem to be in the running are as follows: Slocumb 40, Porter 38, Atherton 33, Hedstrom 32, Hennessey 21, Cunningham 24, Woods 23, Zylstra 21, Gridley 21, Payne 18, Warren 17, Walker 16, K. Schmidt 16.

TENNIS TOURNAMENT.

Good for the tennis men! The annual fall tournament is now in full swing and promises some excellent sport before the finish. Four cups are offered as prizes, and there are forty-two entries; twenty-six in the singles tournament and sixteen in the doubles. A number of matches have already been decided, and the finals in the singles will probably be decided within a week at the present rate of progress. Kennedy '11, two times champion, is the favorite again, but it looks as though he had a harder job on his hands this year than ever before. Smith '12 is playing very strongly and his work is being watched closely. He surprised the followers of the game by disposing of both Goodrich and Cronan, two men who were picked to be in near the finish this year. Sanderson is always a dangerous competitor, and there are several others who may upset the present line of dope.

TECH NEWS

Published every Wednesday of the School Year
by
The Students of
Worcester Polytechnic Institute

TERMS

Single copies \$.03
Subscription per year for Tech students \$ 3.50
Subscription per year, by mail \$ 4.00

BUSINESS MANAGER

STANLEY P. STEWART, 75 Lancaster Street

ADVERTISING MANAGER

BRYANT BIGELOW, 27 Catharine Street

SUBSCRIPTION MANAGER

WALLACE T. MONTAGUE

All communications should be dropped in the
Tech News Box.

[The Tech News welcomes communications upon pertinent subjects at any time, but does not hold itself responsible for the opinions therein expressed.]

F. S. BLANCHARD & Co., PRINTERS
6 Walnut St., Worcester, Mass.

Tomorrow is Mountain Day, and if Dame Nature is in the right mood, we have a holiday. This weather is ideal, and we should make use of the opportunity to get out in the air for a walk into the country. Places of interest are many near Worcester. Some were mentioned last week and others are described this week in the News. Let us all show our thanks to the faculty by making a great day of it.

Last week the News printed a communication concerning musical organizations at the Institute. Among other things was mentioned a joint concert with the Amherst Glee Club. This idea is a capital one and its execution would mean a new era in Worcester's musical circles. Amherst's reputation is far-famed, so much so that the club travelled to Europe on a concert trip some years ago. Every year this club goes on a western trip extending to Denver. If Tech were successful in bringing them to Worcester, it would give the people a chance to hear first-class college music, it would advertise W. P. I. among college men, and be beneficial all round.

If the expenses are too great to follow this plan, the following might be substituted: First, organize the Tech Glee Club, appoint a manager to consult with the manager of the Glee Club at Clark College and also with the manager of the Holy Cross Glee Club. These three could then discuss the possibilities of a triple concert and arrange all details. We believe that this can be done, for Tech has had good glee clubs in the past, and would continue to have them but for mismanagement. Just start the movement in your division; to get all the singers together, inquire of your fellow classmen, and find out what they are doing. Pass the word along and get organized.

In one of our early issues we advised against the defacing of school property, but it seems as though some of the classes have not heeded the request. This is not altogether the fault of the lower classes. In the first place, there is no organization, no real set of class regulations that are respected by all four classes. The freshmen come to the school full of surplus energy, and they carry it to their sophomore year. This energy must be properly directed; the directions must come from the student body—or else the defacement of property results.

The News has plans for a more thorough organization of the student body than the one existing at present on Tech Hill. Inquiries are being made by us at other colleges and technical institutions as to methods employed there. We expect to have definite ideas within a week.

In the columns of this week's issue of the News is to be found a new yell and an inquiry into what constitutes a forceful yell. If attention is given this article it may result in Tech's obtaining some good cheers—things which are much needed by us.

One of the News' editors dropped into the Y. M. C. A. room to hear a rehearsal of the orchestra. Six men were present, nearly all of whom were freshmen. The music was good, but the showing, it seemed, was poor. At last year's concert practically all the men were members of the class of 1911. Where they have gone, or, rather, where has their musical ability gone, is a question not readily answered. It takes but a half hour, twice a week, and the time is well spent. It gives the members a chance to keep in practice, and helps the organization. Bear in mind what Prof. Haynes said in economics: "The interest of the economic man should be social rather than selfish."

OFFICIAL NEWS.

In the September 10th issue of the London Engineer, Prof. W. W. Bird has a paper on "Shop Management at the Worcester Polytechnic Institute." This was written at the request of the editor of the Engineer and describes in detail the instruction given students in the Mechanical Engineering Course. Manufacturers and educators in England are waking up to the fact that graduates of American engineering schools are far better fitted to enter upon the work of their profession upon graduation than are their own technical graduates. They find it a necessity to train their men after graduation in the essentials of manufacturing, and are therefore especially interested in the course at the Worcester Polytechnic Institute as outlined by Professor Bird, whereby the student is given a training in shop management as a part of his regular engineering course. The paper is supplemented by an interesting correspondence between the author and the editor of the Engineer, and indicates the interest taken by the latter in the subject.

The first meeting this year of the Worcester Polytechnic Institute Branch of the American Institute of Electrical Engineers was held last week in the Electrical Engineering Building, the meeting being called to order at 8.00 p.m. by President R. H. Taber. A short business meeting was held before the lecture of the evening was announced, in which C. E. Putnam was elected to fill the position of Secretary, made vacant by the resignation of A. A. Nims. Following

this a report was given by Mr. Taber of his trip to the American Institute of Electrical Engineers' convention in Frontenac, Thousand Islands, last July. Mr. Taber was the representative of the Worcester Polytechnic Institute Branch at this convention, and in his report he considered the various phases of the trip to the Thousand Islands, with a brief consideration of the various papers presented at the convention.

At the close of the report, the speaker of the evening was introduced as Dr. C. R. Olshausen, who gave an interesting talk on "The Elements of Glass Blowing," in which he performed various feats in the glass blowing art, explaining the various operations as he proceeded. Various methods of blowing bulbs, thistle tubes, and connections were shown in a masterly style made possible by Dr. Olshausen's experience in this work obtained in Germany.

The Century Magazine for September contains an article by A. D. Flinn '93, entitled "The World's Greatest Aqueduct." The article treats of the aqueduct now under construction as a part of the water supply system of the city of New York. Mr. Flinn is department engineer for the Board of Water Supply of the city of New York, and in this position has been responsible for the organization and plans of much of the work.

Graduates of the Institute in the Electrical Engineering Department have recently been appointed to new positions as follows: Dr. James T. Rood '98 has been appointed Professor of Electrical Engineering in Lafayette College at Easton, Pa. Dr. Rood was formerly Professor of Physics and Electrical Engineering at the University of Alabama. The following graduates are located with the Westinghouse Electric & Manufacturing Company, at East Pittsburg: F. A. Hedberg '07, S. M. Anson '09, P. F. Squier '09, and G. H. Jenkins '09. The General Electric Company at Schenectady is also employing the following graduates: G. E. Munroe '03, J. F. Williams '08, G. A. Barratt '09, and J. A. Doyle '09. D. C. Bacon '09, L. A. Parkhurst '09, and J. A. Remon '09 are all employed by the American Telephone & Telegraph Company. H. T. Spaulding '09 is working for the National Electric Lamp Association at Cleveland, Ohio; E. N. Jennison '00 is a designer for the Syracuse Motor Company. J. A. Sanford '03 is with the R. Thomas & Sons Company in New York city. F. C. Green '06, formerly at Jackson College, has accepted a position with the Portland School of Trades, Portland, Oregon. A. P. Chapman '07, formerly with L. J. Richards & Company, cartographers, Springfield, Mass., has taken a position in the mechanical department of the Public Service Railway Company, Newark, N. J. R. T. Pollock '09 has accepted a position as general manager for the Universal Carbon Company of Ashland, Mass.

(Continued on page 3.)



Joining the Frat

Every purchaser of a pair of WALK-OVER shoes joins a great and growing fraternity of discriminating shoe wearers whose watchword is "trustworthy" and whose insignia is the Sign of Satisfaction.

PRICES

\$3.50—\$4.00—\$5.00

Walk-Over Boot Shop

302 MAIN STREET

A. P. Crawford, Proprietor

Ware Pratt Clothes

The Best

That you get the best does not mean that you pay the most.

Our Young Men's Clothes

are rich in style and quality, with every detail carefully attended to and at prices within the reach of all.

Hats-Shoes-Furnishings

that comprise all that is new and good.

WARE PRATT CO.

COMPLETE OUTFITTERS
FOR MEN AND BOYS

Slater Building

Mrs. Day's Classes in Dancing

For Beginners this Friday, Oct. 15; also Tuesday, Oct. 19, at 7.30 p.m.

Terms: Special for Students—\$5 for 15 lessons, or 50 cents each lesson.

I am at 311 Main daily to enter names or give further particulars.

NOTE.—W. P. I. Cotillion postponed to Sat., Oct. 23d. Not this week.



"Tech" Students and "Yorke" Shirts are in a Class by Themselves

and every Tech student should wear a "Yorke" Shirt if he wants the best. "Yorke" Shirts are perfectly made in plaited and plain negligee styles from the very latest materials, in either regular or coat models, with attached or detached cuffs. All of the newest novelty effects are being shown. Come and see them.

Prices are \$1.15, \$1.50, \$1.75, \$2.00 and \$2.50.

DENHOLM-McKAY CO.
BOSTON STORE

Buy a Life or Endowment Policy in our old reliable company

Macgowan & McGown
General Agents
203 Day Bldg., 306 Main St., Worcester

CITY HALL BARBER SHOP

476 Main Street, Worcester, Mass.

ELECTRIC HAND MASSAGE

The only vibrator of the kind in the city.

Four Up-to-date Barbers R. C. BENOIT, Prop.

We Want 188 Freshmen's Laundry

Our twenty years of progressiveness has placed us in a prominent pedestal among local laundries. No laundry is more modern, no system more thorough, no force more intelligent. We cater to your individual wants. Each department is in charge of the most competent overseer for that particular laundry operation. We can crowd more real comfort into your laundry bundle than you ever thought possible. Even the smallest detail is attended to in a manner that satisfies the most exacting. We spare no pains. We leave nothing undone. Your satisfaction is our first consideration, and we want you to try us with your next bundle. Please mention "Tech News."

Union Laundry Co.
115 Exchange St.

Reading Notices.

Reading notices, for sale, advertising and other reading notices are printed at the rate of 10 cents for six words, payable strictly in advance. Minimum charge, 25 cents. Notices may be addressed to the Advertising Manager, or dropped in the Tech News box in Boynton Hall.

HAVE YOU TRIED THEM?

Who? **Terkanian & Company, 75 Main Street, opposite Newton Hall.** They do satisfactory work at satisfactory prices.

Sewed soles, \$65; all shines \$05.

HAVE YOU DONE IT?

Done what? Had your appearance greatly improved by one of Fancy's hair-cuts, at 51 Main Street.

Let Tech Pharmacy handle your laundries. By so doing, you get better work, quicker service and more convenience with the same amount of money.

\$1.00 A YEAR.

THE WORCESTER EMERGENCY HOSPITAL, established ten years, issues (through agents) a certificate for one dollar, which entitles the holder to medical advice and surgical treatment for one year at the Hospital. The certificate permits any number of visits, if made during the year, medicine alone being paid for at just a little above cost. The Hospital is open day and night, Sundays and holidays. There are constantly present skilled physicians and surgeons of long hospital experience, trained nurses and assistants. Orders addressed to **W. J. Burgess, Supt. Cert. Dept.**, will receive prompt attention.

WORCESTER EMERGENCY HOSPITAL,

50 Orange Street,
Worcester, Mass.

Tel. 1284.

OFFICIAL NEWS.

(Continued from page 2.)

The Directors of the Athletic Association have fixed Saturday, October 30, as the date of the annual meeting for the election of officers. This is the day of the football game with Rhode Island State College. The nominating committee to nominate officers of the Athletic Association for next year consists of **W. J. Weir '10**, chairman, and **H. E. Hartwell '11**. These two will appoint a sophomore to complete the committee. The nominations will be posted one week before the election.

The Department of Mechanical Engineering has received from the **Franklin Manufacturing Company, Syracuse**, makers of Franklin "air-cooled" automobile, one of the 4-cylinder 1910 engines complete as a part of the laboratory equipment in gas engineering. The engine is of the new type, having vertical flanges enclosed in air-tight case, circulation of the cooling air being effected by a new type of fan in the fly wheel. Complete tests of the engine are to be made a part of post-graduate thesis work, the tests to include fuel consumption, efficiency for various loads, brake and induction horsepower, effect on power of type of ignition, study of charge distribution, and the design of the automobile engine. The work in gas engineering is in charge of **Prof. D. L. Gallup**, who is adding new material to an already fine equipment of gas engines and testing apparatus.

The Worcester Polytechnic Institute Branch of the American Institute of Electrical Engineers is in a very flourishing condition this year. There are eighty-seven members thus far, being two more than the total membership for all last year. The membership is divided as follows: professors and instructors, 9; graduate student, 1; seniors, 24; juniors, 26; sophomores, 17; freshmen, 10; total, 87. This number of members, so early in the year, shows an increased interest in the Branch, and certainly means a record year, and that the Worcester Society will continue to lead among the branches.

The Electrical Engineering Department has received a gift from the American Electric Fuse Co. of Muskegon,

AT THE THEATRES.

"The Servant in the House," one of the most favorably discussed plays of to-day, will be the offering at the Worcester Theatre next Monday, Tuesday and Wednesday with Wednesday matinee.

Mr. Henry Miller has selected an excellent cast of actors to tell this great story.

"Paid in Full" will be the attraction on next Thursday night.

The balance of this week will see "Uncle Dave Holcomb" on Thursday night, and the jolly fun distributor, "The Traveling Salesman," on Friday and Saturday nights and Saturday matinee.

Mich., of a motor starting rheostat of a new type. This is an Allen-Bradley motor starter, and is of the carbon disc type. It has been mounted on a portable panel and will be used in connection with motor tests in the Electrical Laboratory.

Thursday, Oct. 14, has been fixed upon as Mountain Day for the present year. If the weather is suitable, all exercises of the Institute will be suspended for that day in order that the students may enjoy an outing to Mount Wachusett, or to any of the other points of interest in the vicinity of Worcester.

The names of the following men have been posted as students whom the Department of Mechanical Engineering takes pleasure in honoring for the general excellence of their work during the spring term of 1908-09: Class of 1909: **E. A. Clark, A. Greenwood, H. C. Irving, V. C. King, H. J. Riley, and R. D. Whitmore**; Class of 1910: **R. A. Grise and H. M. King**; Class of 1911: **H. B. Chace, E. H. Classen, F. W. Kennedy, H. Z. Landon, J. A. Patch, A. H. Reid, S. W. Sparrow, H. E. Stowell and R. H. Wolcott**; Class of 1912: **L. H. Greene, J. P. Hogan, F. G. Munson, P. A. Porter, W. E. Steele and H. F. Taylor**.

The first meeting of the Civil Engineering Society will be held next Friday evening at eight o'clock in Boynton Hall. Some of the members of the senior and junior classes who were engaged in engineering work during the summer will report on their experiences. The following will speak: **W. W. Dolliver, W. F. C. een, Willard Hedlund, F. L. Hewes, R. E. Kelley, G. F. Martin, C. A. G. Pease, R. C. Lancaster, A. L. Worthen, H. P. Conklin and H. R. Frizzell**.

The following grace was heard at one of the grub joints during the week:

Heaven be merciful
And keep us all alive,
There's ten of us for dinner
And grub for only five.

Notice! Tech Men!

Go to **PETER CULBERT'S** for Quality Chocolates and Sodas

Newspapers Magazines

Franklin Square Theatre

THIS WEEK—MATINEES DAILY

The River Pirates

Matinees 10, 20 Evenings 10, 20, 30, 50

BILLIARDS

— EIGHT TABLES —

A PLACE FOR
BUSINESS MEN

C. M. HERRICK
5 PLEASANT STREET

DR. R. M. GARFIELD

DENTIST

Office Hours: 9 to 5, Sunday 10 to 12
Suite 209, Walker Building
405 Main St., Worcester, Mass.

Lady Attendant Telephone 980

WILLIAMS' BOOK STORE,
533 MAIN STREET.

The House that Bargains Built.

No toll-gates of any kind. Nobody at the doors to conduct you. Nobody to inveigle you to buy. No officious attention anywhere. A free pass to look and enjoy yourself and show your friends up and down as far as you like and as long as you please, from eight in the morning until six in the evening. You shall feel at home when you visit this store. The promptest kind of attention and plenty of bright people to give it, when you wish.

If your library is for sale, call on

Yours truly,

MR. WILLIAMS.

DURGIN'S
JEWELER
AND
OPTICIAN
568 Main Street, Opposite the Post-office

We supply Tech men with
**BANNERS FOBS
SEALS STEINS
LOCKETS PLATES, etc.**

Jewelry and Optical Repairing
promptly and satisfactorily
done

444 Telephone
Main Street 444



ESTABLISHED 1871

Rebboli Sons Co.

Confectioners and
Caterers

Worcester, Massachusetts

Weddings, receptions, teas supplied with French creams, sorbets, puddings, mousses, crystallized confectionery, ornamental work, charlottes, fruits, glaces, sugar baskets, punches, pates, voi-au-vents, pastries, wedding and fancy cakes, croquette, salads, sandwiches, waiters, china, silverware, etc.

NECKTIES

Such as you can't equal for Quality and Style may be bought of us

For 25c

Fifty Shapes in "ARROW"

COLLARS

Best in wear and comfort 2 for 25c

**BARNARD, SUMNER & PUTNAM
COMPANY**

NEWS OF THE COLLEGE.

Because of stiffer entrance requirements and the lengthening of the course by one year, the freshman registration in the engineering department of the University of Minnesota has been reduced from seventy-five last year to twelve this year.

So many underclassmen at the University of Indiana have had their heads shaved in the freshman-sophomore fights that the committee on student affairs has decided that all set-tos must stop until the time of the regular annual class fight.

A gift of \$425,000 for the erection, equipment and endowment of a University Physics Laboratory has been presented to Yale University.

The sophomores at Bowdoin College required the freshmen to wear baby caps and carry rattles till the 19th of October. Chapel services were nearly suspended on the first morning after the rule went into effect.

Beginning with this year, a new department, to be known as "Courses in Public Health," has been added at the University of Pennsylvania. The courses are designed to turn out "certified sanitarians."

FURTHER SUGGESTIONS FOR MOUNTAIN DAY.

For a fine day's tramp, take the trolley to Marlboro, and ask the way to Sudbury Inn, made famous by Longfellow in "Tales of a Wayside Inn." It is about four miles out of town, and from there one can walk across country, over hill and dale to South Framingham, where you can get an air-line car home, total fare 40 cents.

Asnebumskit Hill, although not particularly high, offers an unrivalled panoramic view of lakes and mountains, because of its peculiar location. If the day is clear, one can see Mount Monadnock in New Hampshire, some 45 miles away, and even the blue range of the Green Mountains, over 60 miles to the northwest. Asnebumskit is best reached by following the Tatnuck car-line to the end, and taking the road straight ahead up the hill for about two miles, when one can cut across the fields to the right to the hill with the surveying post on top shaped like an inverted Y.

A delightful trip, too, is out to Webster by trolley to Lake Chargoggagoggmanchauggagoggungungung, a beautiful little sheet of water some three miles long, with its name extending beyond, as far as the eye can reach.

THE WORCESTER CHEMICAL CLUB.

The first meeting of the Worcester Chemical Club was held Monday evening in the Salisbury Laboratories. After the Treasurer's report for 1908-09 had been read by Mr. C. W. Bacon of Clark University, the following officers were elected for the year: President, Dr. E. W. Ewell; Vice-president, A. N. Chase, W. P. I. 1910; Secretary, L. Shulinsky, W. P. I. 1911; Treasurer, C. W. Bacon, Clark University; Executive Committee, H. K. Cummings, C. D. Wright, P. S.

HUNTING GOODS

The hunting season is close at hand. Call and look over our stock of
Guns - Rifles - Ammunition
and, in fact, everything a sportsman and hunter needs.
539 Main St. A. B. F. KINNEY & CO.

ENGINEERING NEWS FREE
TO JANUARY 1st, 1910

NEW YEARLY subscriptions sent us NOW will be dated from January 1st (the commencement of Vol. LXIII), but names will be entered on our mailing list immediately upon receipt of the subscription price.

SPECIAL RATES TO STUDENTS

ONE YEAR, \$4.00. CLUBS OF TWELVE AND MORE, EACH, ONE YEAR, \$3.50
(No less than 12 accepted in one order at this rate.)

Each week of delay reduces the number of copies you may receive FREE. The above applies to NEW subscriptions only. SUBSCRIBE TODAY.
See our announcement on bulletin boards. T. E. LYONS, Subscription Agent.

ENGINEERING NEWS, 220 Broadway, New York City

Cushing, Fr. Coyle, S. J., Holy Cross; J. M. Walker.

Drs. Kinnicutt and Jennings then spoke of the purpose of the club, and its meetings, and the duties of the officers. Dr. Ewell gave an interesting inaugural address, followed by a talk by Dr. Merigold of Clark College, on the prediction and discovery of the new element, ionium, and Rutherford's determination of the existence of atoms, and their weights. President Ewell continued with Rutherford's work on Ra emanation, and the meeting concluded with a dissertation by Professor Jennings on aniline black and its dye-stuff derivatives.

A HARMLESS PHYSICAL CONTEST.

Last winter resolutions for the abolishment of the freshman and sophomore rushes, and the introduction of some regular physical contest between the first and second year men, were formally passed in all classes of the Tech. In accordance to these, the juniors have decided to let the '12 and '13 men have a "rope-pull," in order that the younger ones can have a chance to "blow off the steam," and at the same time, to acquire some class spirit. Last week A. B. Hossack, president of '11, appointed a committee to manage this matter. This committee consists of R. E. Harrington, A. R. Kinney, F. A. Shaw and Y. S. Chin, with C. T. Leigh as the chairman and A. B. Hossack as ex-officio. The freshmen have already been informed and they are eager to exhibit their strength to the sophs. Three seniors will be selected judges, and the place will probably be the Institute Park, for the reason that the water in a corner of Salisbury Pond is just deep enough to get one's knees wet. It is expected to take place either this Saturday afternoon or next. Elsewhere in this issue, a brief account of such sport played by the younger classes of Amherst Aggies is given. Having read over that account, we have every reason to believe that this contest is very interesting as well as exciting, yet perfectly harmless to the contestants. It is expected that the seniors will root for the sophs, and the juniors for the freshmen.

The sophomores, in a class meeting Monday afternoon, appointed a committee having full power to arrange their side of the tug-of-war, which, we now may safely predict, will be pulled off in the near future.

Smile! Smile!!

Don't look so discontented because you can't find what you want; just step in and let us help you.

Supplies of all kinds to suit your needs.

The Book and Supply Dept.

The Bible study groups are getting under full swing. Pease's mission study group organized Friday night and will meet at 7.30 Fridays in the Y. M. C. A. room.

The bulletin board will give other hours. There are all kinds of these groups, and a true Tech "sport" should back them up as much as any institution that we have on the Hill.

ATHLETIC REMINDERS.

Notice.—B. J. Halligan, please keep up the habit.

Captain Waring is putting up a nice game and is working hard.

The athletic assessment is levied. Do your duty. It is just as important as paying your tuition.

Who will win the cross-country ribbons? There should be some great running in the last run.

Show your spirit in a losing fight in this last cross-country, you sophs and juniors.

There will be a football game at home on the 30th. Put a cross on your date book.

All interested in tennis should view as many of the matches as possible. Most of them will be nip and tuck from now on.

Annual meeting of the W. P. I. A. A. on October 30. Make it a point to attend.

Clough is playing the game as he never did before, this year. His kicking and work in the line have been faultless of late.

Union played the Aggies 6-6 a week from last Saturday, and we meet the Aggies this Saturday. After all these years are we going to secure a victory at last over the Amherst boys? It surely listens that way.

MR. STUDENT

We want you to know about our typewriter department. Our stock is made up of all standard makes.



No. 2

REMINGTONS

\$25.00

All Makes Rented, \$3.00 per Month

IVER JOHNSON'S

304 Main Street

J. C. Freeman & Co.

Makers of the Best

Spectacles and Eye Glasses

QUICK REPAIRS

EASTMAN FILMS

DEVELOPING AND PRINTING

376 Main Street, Corner Elm

Hats for Young Men

The young man who wants a Hat in a smart, snappy style can find his ideal hat here.

Stiff and Soft hats for college men that are up to the hour.

MODERATE PRICES

\$1, \$2, \$3 to \$5

Many new kinks, curves, colorings and shapes for the Fall season.

D. H. EAMES CO.

Clothiers and Hatters

Main Street

Cor. Front

"HOW TO REMEMBER"

A valuable book on Memory Training absolutely free to readers of this publication

If you want a perfect memory you can have it, for a perfect memory, like perfect health, can be acquired. Here is a book that tells you exactly how to get it.

The author, Professor Dickson, is America's foremost authority on mental training. His book is clear, specific and intensely interesting. He explains how you can easily and quickly acquire those retentive and analytical faculties which contribute so much to all social, political and business success. How to remember faces, names, studies, etc., also develops will, concentration, self-confidence, conversation, public-speaking, etc. He offers you a valuable opportunity to investigate the benefit of memory training for yourself without assuming any risk, obligation or expense.

Simply sign and mail the coupon below or send a letter or postal card and this book will come forward to you at once, absolutely free and postage prepaid.

Professor Dickson, 178 Auditorium Bldg., Chicago

Send me free "How to Remember."

Name.....
Street.....
City..... State.....