

TECH NEWS



VOL. 6

WORCESTER, MASS., NOVEMBER 3, 1914

NO. 8

Wesleyan Wins 14-0

Line Plunging of Keenan and Forward Passing Score Twice in First Half. Tech forces the Play in the Second Half.

Before an enthusiastic crowd of Wesleyan sympathizers, supported by their brass band, the Worcester Tech football team went down to a 14-0 defeat last Saturday at Middletown.

Wesleyan's scores were made in the first half. In the first quarter, a series of cross backs and line plunges with Keenan, the Wesleyan captain, featuring brought the ball to Tech's 2-yard line. Here Slocum succeeded in outwitting the Tech defense and took the ball through center for the necessary distance.

Near the end of the second quarter, with the ball on Tech's 20-yard line, Wesleyan carried out a successful forward pass, Keenan to Nourse, that was received on the 5-yard line and carried over without interference. This was a hard play to lose as two Tech men were within striking distance of Nourse and lost their chance to tackle the receiver of the ball only in trying to intercept the pass.

Worcester made two ineffectual attempts at scoring in the last period. In the first instance Shumway's place kick went low and was fumbled by Slocum and recovered by Tech on Wesleyan's 20-yard line. The second attempt at a field goal was spoiled by a poor pass, Nourse falling on the ball before it was kicked and taking it out of Dunbar's hands as he held it in position.

The feature of the game was furnished by Tech's stonewall defense in the shadows of her own goal posts during the latter part of the second quarter. Wesleyan had been making steady progress down the field and had the ball on Tech's 2-yard line and 2 downs to score. Tech's line stiffened and piled up two plunges through the center of the line. It was Tech's ball on her 1-foot line and Shumway punted out from danger.

Keenan, the Wesleyan fullback, was easily the star of the game and his plunging
(Continued on Page 5)

TAU BETA PI HOLDS SOCIAL New Pledge Men Guests

The Worcester Tech chapter (Mass. Alpha) of Tau Beta Pi held a social last evening at which the new men, selected from the present senior class last week, were invited guests. Herbert K. Cummings of the Physics department, who was the delegate from the society to the annual convention of Tau Beta Pi held last June in Detroit, gave the men present a very interesting illustrated lecture on the trip.

Nine seniors constitute the new pledge men who are to be congratulated for their achievements, and they are D. N. Rogers, C. C. Whipple, C. F. Palmer, J. E. Allen, G. W. Plaisted, A. W. Pride, G. N. Davidson, G. W. Smith, Jr., and R. M. Johnson.

ATHLETIC DUES COMING IN SLOWLY

Sophomores Show Poorest Record

Again it is the same old story, and circumstances seem to point that it will continue to be so until some change in the present method is made, and the theme of the story is **Athletic Dues**.

However, the matter is now getting very serious, more so than in the past years and something has got to be done right away. Men, haven't you got any Tech spirit in you at all? Just think of it, here it is November and only \$300.00 of the \$2000.00 for athletic dues has been paid in. We know that money is scarce, nevertheless, it is your duty to your school to deny yourself in one way or another \$4.00 worth of pleasure and pay up your athletic dues. The sum may look big to look at it, but you will not miss it half as much as you think you will and incidentally you will be making it possible for Tech to continue to be represented in intercollegiate sports. It is also safe to say on assumption that a larger part of the men who have already paid are those who could least afford it. Come fellows, show a little altruism and less selfishness.

(Continued on Page 5)

Brown Shades Tech

Score 31 to 26

Brunonian Harriers Trim Tech in Fast Race

In what was conceded by all present as the fastest cross country race to be run off at Brown in years, Tech's hill and dale men went down to defeat after a close, exciting series of brilliant finishes.

Francis lost to Coop in the last thirty yards after leading him over the entire course. When they entered the field Francis was slightly in the lead of Coop but the latter gradually closed in and at the head of the straightaway cut loose his sprint. Coop passed Francis thirty yards from the finish and broke the tape but 10 yards in the lead. The fight for third place was fully as exciting. Gerald ran on to the cinder track five yards behind Moriarty. By dint of a fine burst of speed he caught Moriarty at the turn and then shot ahead, finishing slightly in the lead. Smith finished next, running well ahead of the rest of the field. Here prospects looked bright for Tech but the advent of four Brown runners dashed these high hopes to the ground. The next two men

(Continued on Page 5)

No Holy Cross Game

Athletic Directors So Decide Yesterday Student Body, Exultant

The final decision as to whether Tech would play Holy Cross this year or not was made yesterday, when Manager Pride put the matter up to the Directors to decide. Sentiment against playing our former opponents, since they used us as they did a couple of weeks ago by refusing to play us on the day scheduled, has run high; it being only a financial question as to whether or not we should play them.

That we are justified in our stand needs no argument whatsoever, and it is hoped that Holy Cross will not appear on our schedule again, at least until they can treat us squarely.

After the game was postponed two weeks ago, because the Holy Cross manager feared some of his men might get hurt, (at least that was his excuse) arrangements were attempted by Manager Pride to fix up for a postponed game. A contract was gotten up, whereby Holy Cross was to give up a certain small guarantee in case she refused to play this time, this signing of a bond being asked merely to cover our extra expense of another added week's work. Our schedule ends the 14th, and so it would be a considerable added expense to work another week. Holy Cross absolutely refused to consider the signing of said contract. Therefore, since she has failed us three times, no one could blame those in charge for acting as they have and not taking any more chances.

It is expected that part of the deficit made so large by the cancelling of the game will be made up by charging admission to the Annual Freshman-Sophomore game, which will be played on Nov. 21st on our new field.

R. I. STATE WILL NOT COME HERE

Although considerable effort was put into the matter of trying to get the Rhode Island State game played here on our new field, instead of at Kingston, R. I. as scheduled, nevertheless, the latter would not consider the change. The game will therefore be played in Rhode Island next Saturday. It is expected that a number of loyal followers will accompany the squad.

CALENDAR

TUESDAY—5.00 P. M. Orchestra practice.
WEDNESDAY—5.00 P. M. Physics Colloquium; Mr. St. John, speaker.
8.00 P. M. A. S. M. E. Meeting. Subject, "Automatic Refrigeration Plants."
THURSDAY—7.00 P. M. Orchestra practice.
Half-way-thru Banquet of Junior Class at Sterling Inn.
FRIDAY—4.30 P. M. Lecture in E. E. Hall by Professor Whipple, "Clean Air."
8.00 P. M. Musical Association Concert. E. E. Hall.
SATURDAY—Football. W. P. I. vs. R. I. State, Kingston, R. I.

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The Tech News

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WORCESTER, MASS.

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Please bear in mind that our bills are coming due as well as yours and that we need all subscriptions paid up. Please do YOUR part.

ANNUAL CONCERT AND DANCE Under the Direction of the W. P. I. Musical Association

All roads lead to the E.E. Hall on the evening of the 6th of November. The Musical Association will open its season at this time with the annual concert and dance. The concert will begin promptly at 8 o'clock and will continue for about an hour. During the remaining part of the evening dancing will be enjoyed with music furnished by the Tech orchestra. An interesting and pleasing program
(Continued on Page 5)

CHANGES IN THE COURSES IN GENERAL SCIENCE, CHEMISTRY AND SANITARY CIVIL ENGINEERING

The faculty have made several changes in the courses in General Science, Chemistry and Civil Engineering B (commonly known as the Sanitary Civil course). The changes will go into effect with the opening of the fall term, August 1915, and in brief they mean for the chemistry students more time devoted to Mathematics and to Summer Practice. For
(Continued on Page 2)

TECH NEWS

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TERMS

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All checks should be made payable to the Business Manager.

The Tech News welcomes communications but does not hold itself responsible for the opinions therein expressed.

All material should be in before Thursday noon at the latest in order to have it appear in the week's issue.

Entered as second class matter, September 21, 1910, at the postoffice at Worcester, Mass., under the Act of March 3d, 1879.

THE DAVIS PRESS

Editorials

The News congratulates Professor and Mrs. F. R. Bonnet. It is a boy.

OUR NEW ATHLETIC FIELD

At last anticipation is beginning to appear in the form of realization. Now we can see that our new athletic field is fast becoming a thing of today and not something for the future. That it is already working to an advantage, by increasing Tech spirit in the way Tech spirit ought to be manifested, is gloriously apparent.

The sight from the brow of the hill in old alumni field looking down into the new arena, with the football men (and two and sometimes three full squads at work) rushing back and forth in one end of the field; with fleet runners circling around on the cinder track; with other track men going through their practice in the oval circumscribed by the track; and with a few spectators watching the various forms of practice here and there; all this is certainly an inspiration in itself. To add to this, the sight of the new football goal posts and of the bleachers is fast bringing to our sight the vision of the long hoped-for athletic field of our own. That it is to be one of the best of its kind in this part of the country needs no argument. Surely if anyone of the generous alumni who have made this new field possible for us could but come here now and gaze upon the field from the hillside surrounding it, he would never begrudge in the least what he has done for us. And furthermore it would serve as a fruitful medium to those who have not subscribed.

We look forward to the opening game on the new field between our varsity eleven and the Rensselaer squad on November 14 with exceeding ecstasy.

TECH SONGS

The necessity of a more united work on the learning of our college songs and cheers is very apparent. A large majority

of the men are evidently not aware of the many good songs that we have here; and if more use of them was made at various occasions when the united student body are together, a helpful result would show up very quickly. Why not try some of those, which are new to some of the men, at the Populars, mass meetings, etc., instead of always singing those which we all know so well? You cannot learn anything without trying and practice. It is none too early to start.

VARSIITY TENNIS

While we are considering the recognition of rifle shooting as a minor sport at Tech, another sport that might well add glory to Tech's name ought to receive some thought. We have in school material which could be developed into a tennis team that would make Williams, Amherst, Wesleyan, Colby, and the other Longwood tournament entries hustle. In fact, we are informed from one interested in intercollegiate tennis that a team from the men who showed up well in this fall's matches should stand high in the annual competitions on the Harvard courts. This being the case, are we not injuring Tech's name, even though indirectly, to allow the material to go undeveloped, when it might be bringing honor and glory to our Alma Mater?

The expenses for such a team need not be one-tenth what is spent each year on football, baseball, or track, and if the Athletic Association feel overburdened the money might be raised in some other satisfactory manner. This is a matter deserving of immediate and serious consideration, and any action on the matter should be taken before it is too late to accomplish the purpose this year.

ATHLETIC DUES

An important article on athletic dues appears elsewhere in this issue. It is worth your very careful consideration and thought. Are YOU one of the delinquents? If so, why not get busy? The athletic status here is in a very delicate situation just now and it is up to YOU and YOU ALONE as to what the result shall be. Even if the method for collection of the dues is not the best that it might be, nevertheless, it is no excuse why you should not see to it that your dues are paid. Let's see that percentage of paid men take a big jump this week. Incidentally, why not post a list of the names of the faithful men who have paid up and keep it posted up-to-date on the bulletin board?

Ed. I. Tor.

OUTLOOK OPTIMISTIC

The News staff for this year is now practically completed (with the exception of a probable addition of new officers later on in the year) and from the work already produced by the new men, indications for a successful year, with the production of the Best Ever Volume, seem exceedingly optimistic. We are giving of our best to you and hope that you are satisfied.

VALUABLE MEDIUM

That the News is a valuable medium for propagating customs worth while here at Tech is again shown by the many followers who have taken up the idea put forth in a recent communication published in the News, concerning the addition of the division letter after the class numeral when a man signs his name. E.g., Mr. Blank '15, C. This is a very good idea and should be put into practice by everyone. It has proven its worth already.



After lesson, dancing until 11:30. Orchestra. Come and bring your friends. Only 50 cents from 7:30 to 11:30.

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311 MAIN STREET

WILL YOU HELP?

The new project which was started last week by the Athletic Advisory Committee and being carried out for them through the willing efforts of R. C. Bowker '15 is a very valuable one, which has long been needed here at Tech and which beyond any doubt will prove advantageous. The matter in question concerns the assisting of the athletic men who, owing to the time and effort necessary to be placed in their athletic work, are thereby somewhat down in their studies. The assisting of these men who are working for your honor, by your efforts, is needed. Already a decided interest in the matter has been taken by men on the Hill and it is hoped that others will step in and do their part. Further information on the matter can be obtained from members of the Advisory Committee or Bowker '15.

CHANGES IN COURSES

(Continued from Page 1)

The Sanitary Civils the changes include more time devoted to qualitative analysis, organic chemistry, graphic statics and quantitative analysis. The General Science men must devote more hours to Qualitative Analysis, taking the regular course for chemists. Formerly, the Sanitary Civils had no course in Summer Practice at the beginning of the Sophomore year, but in the future they will be required to take Summer Practice with the chemists for three weeks.

The extension of Summer Practice for chemists from two to three weeks is the result of a request on the part of the senior chemists for an extended course in Food Analysis. They requested Mr. Power to continue the course during the first term, senior year, but such a plan was impracticable because it would disarrange the schedule of the class.

The changes in detail are as follows:—

In the Course in Chemistry

1. To increase Chemistry 3, Summer Practice, from two weeks at the beginning of the Sophomore year to three weeks. To change the subject matter of the course from inorganic synthesis to qualitative analysis as at present given in Chemistry 5, ten hours during the first term of the Sophomore year.

(Continued on Page 4)

Mrs. A. H. Day's Academy

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ATHLETIC DUES COMING IN SLOWLY

(Continued from Page 1)

It is evident that the seriousness of the situation is not recognized by the majority of men. Here is our new athletic field given us by the generous offerings of our loyal alumni and yet you men are not willing to do your small share of making it possible for your teams to play on our new field. It is probably simply "putting it off" on the part of many and not total unwillingness to do your share; but it is now time that you stopped that idea and came forward. It will be just as easy now as later.

At the present writing the percentage of paid dues in the entire school is only 21%. This is outrageously small. The cause is not entirely due to the individual student, however. The system of collecting the dues is sadly inadequate. Someone is lying down on his job (more than one, too) and the sooner that these men take their task (although perhaps thankless, we all have those kind of jobs when we are working for something worth while for the school) and perform their duty faithfully, we no doubt will have more money in for athletics. It is an undisputed fact that there are many men who have not been asked at all to pay their dues and still others have been approached but once and then it was not done in the proper attitude. With all due respect to the men who are trying their best to do their duty, if there were more live men out running this campaign, far better results would be obtained. In the first place it should be put into the hands of the upperclassmen entirely and into the hands of men directly interested in athletics. There are men in the senior and junior classes who would be willing to do the work and we hope that this change can be made, if not this year, next year anyway. Of course, we know that the entire sentiment of the student body and many others is to have the sum placed on the tuition bill, nevertheless, as long as that cannot be done at present it is up to us to do the next best thing.

Bear in mind that if sufficient money is not raised to carry on our sports they may have to be dropped; and surely no man here at Tech would want to see that happen, with our brand new field, which we all prize so much, just ready for occupancy.

So, in conclusion, men, let this be a reminder to you that it is your duty to pay your athletic dues right away, that it is every division collector's duty to see that he gets after his men and third that it is the duty of the man at the head to see that his division collectors are pushed to their task.

Just a glance at the figures below; they tell the story and a sad one too. The sophomores have made the poorest showing and it is ample time for them to get busy and amend themselves. In one division a collector reports that he personally accosted 24 men and was able to get but three to pay their dues. Do you think that that is a good recommendation? Let's see a better one by next week.

Percentage of payments

	1915	1916	1917	1918
A	57	43	0	40
B	33	38	16	38
C	6	19	13	23
D	35	12	14	37
E		8	30	46
F		30	0	6
G			13	18
H				0

**BLEACHERS
Freshman Duties**

At a meeting of the Alumni Executive Committee on Oct. 24 it was voted to duplicate the bleachers already erected on the Athletic Field. This addition will be completed before Nov. 13 so that one thousand people can be accommodated at the Rensselaer Game.

As the same bleachers are to be used for baseball as for football, the means of moving presents a considerable problem. However, the stands are divided into sections easily handled by thirty men, and consequently, the problem resolves itself into a question of where to get the men.

At other schools where such bleachers are in use it is the duty of the Freshman class to see that they are moved after the last football game. Such should be the case here. It is for the Tech Council to advise the Freshman class to that effect and for the Freshmen to adopt a resolution laying that duty upon themselves. Let us see some action on this matter.

Williams has recently opened an employment bureau known as the Williams College Employment Exchange. Its primary purpose is to supply work for undergraduates and positions for seniors immediately after their graduation. All services rendered by the exchange whether to applicants or to prospective employers are offered gratis.

An investigation is being made at Smith College as to how much the students of that college spend during the academic year on bonbons, theatre parties and other personal entertainment. Each student has been asked to keep an account of such expenses and report at the close of the year. From these reports the minimum and maximum expenditures are to be obtained.

Dartmouth has a new "Indian yell" imported by S. R. Walkingstick, a freshman from Oklahoma and a full blooded Cherokee Indian.

M. E. MEETING

Albert T. Marshall, '89, Will Lecture On Wednesday evening at 8 P. M., the second meeting of the W. P. I. branch of the American Society of Mechanical Engineers will be held in the M. E. lecture room. Mr. Albert T. Marshall '89, chief engineer of the Automatic Refrigeration Co. of Hartford, Conn. will lecture on Automatic Refrigerating Plants and as a special feature one of the small refrigerating machines built by his company will be in operation on the lecture room desk. The meeting is open to everyone and a special invitation is extended to all Tech men.

With the Ellis Nolan Troupe of 14 fun makers and George P. Murphy, the well-known German comedian, as the two principal acts, and four others that include Abbott and Brooks, Hallen and Hunter, Billie (a girl) Cree, and the three Alveretas, and six reels of pictures, Poli's Elm Street Theatre is certainly going to do more of its customary "turn 'em away" business for the first three days of the week. The last three days will bring a change of program with B. F. Rolfe's great girl act, "On the Riviera," as the feature. It is said that the chorus in this act is one of the best gathering of beautiful girls ever seen in Worcester. There will be another list of amateurs on Tuesday, a surprise night on Wednesday and on Friday night 12 articles for the library and den will be distributed at the country store.

FOR SOCIALS, FRATERNITY, ENTERTAINMENTS, ETC.

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CHANGES IN COURSES

(Continued from Page 1)

2. To advance Chemistry 6, Quali-
tative Analysis, from the second term
Sophomore to the first term, increasing
the time from eight to ten hours.3. To increase the time devoted to
Mathematics in the Sophomore year by
continuing Calculus for nine hours in the
second term in place of Chemistry 6,
reducing Chemistry 9 from eleven hours
to ten.4. To increase Chemistry 10, Sum-
mer Practice, Volumetric Analysis, at the
end of the Sophomore year from two
weeks as at present to three weeks.5. To increase Chemistry 12, Summer
Practice, Food Analysis, at the beginning
of the Senior year from two weeks, as at
present, to three weeks.In the Course in Civil Engineering
(Course B, Sanitary)6. To increase the time devoted to
Qualitative Analysis by requiring Chem-
istry 3, Summer Practice, three weeks, at
the beginning of the Sophomore year, as
outlined above for chemists, thus absorb-
ing and extending Chemistry 7, at present
four hours first term Sophomore year.7. To advance Chemistry 8, Quali-
tative Analysis, four hours, from the
second term Sophomore year to take the
place of Chemistry 7, four hours of the
first term.8. To advance Chemistry 31, German
Chemical Literature, five hours from the
second term Junior year to the second term
Sophomore to take the place of Chemistry
8, cutting the time from 5 hours, as at
present, to four.9. To substitute for Chemistry 38,
Quantitative Analysis, ten hours second
term Junior year, Chemistry 9, Quanti-
tative Analysis, eleven hours, the extra
hour being taken from the five hours
available by the shift of Chemistry 31.10. To increase the time devoted to
organic chemistry in the Junior year by
six hours in the second term in place of
five hours released by the shift in Chem-
istry 31; also to increase C. Eng. 14, Graph-
ical Statics in both courses A and B from
five hours as at present to six hours.

In the Course in General Science

11. To require the same as for the
chemists, three weeks summer practice
at the beginning of the Sophomore year
in Qualitative Analysis and ten hours of
Qualitative Analysis per week during the
first term of the Sophomore year.12. To omit Chemistry 35, Chemistry
of Iron, for graduates in Mechanical
Engineering.13. That the time allowed for each of
the Physics subjects numbered from 7 to
14 and taken only by general science or
graduate students be changed to nine
hours a week instead of ten or eight as at
present.**STAFF ELECTIONS**The annual fall elections, to fill the
vacancies on the News Staff, were held
in the News building last Tuesday even-
ing with the following results. G. M.
Pomeroy '17 of Westfield was elected as
athletic editor; E. L. Bragdon '16 of
Westbrook, Me., becomes department
editor; H. S. Cushman '17 of Springfield
will fill the position of alumni editor, a
new office just created; while H. B. Ellis
'17 of Worcester is the new exchange
editor. The office of society editor was
dropped and the addition of another
assistant editor discussed.**AS A FRESHMAN SAW THE
ROPE-PULL**The starter's pistol cracked;
And the rival teams attacked
The rope with such a vigor that we
thought 'twould surely bust.Closer pushed the watching crowd,
And, above their comments loud,
Came the grinding of the heels, which
sought a footing in the dust."One—two—three—heave!"
"Hold it now," the coxswains yelled;
"One—two—three—heave!"Back the Freshies swayed and—held.
"One—two"—the Soph's heave caught
them
As they sought a better grip;
Swaying, sliding, down it brought them,
On the drive the vanguard slip.Half our men are on the road:
"Hold 'em, hold 'em," but the goad
Cannot give the tiring huskies strength
to back the swaying rope.All in vain the Freshmen cheer them
As the crowd close in to jeer them,
The gasping, struggling line goes slowly
sliding down the slope."One—two—three—heave,"
But the Sophs are pulling strong;
"Once again—one—two—three—heave,"
See, they cannot hold it long.Vainly rosin is supplied;
All in vain the spongers dash;
Last to meet the chilly tide
Gaskill makes a mighty splash!"Freshman team is in the water;
Heavens, this is simply slaughter,"
Think the crowd; but Nineteen-Eighteen's
gritty fight has just begun.As they near the further shore,
They are holding more and more,
And the Sophs begin to fear that, after all,
they haven't won."One—two—three—heave,"
And the Freshmen gain a bit;
Once again, back comes the rope
And we cheer their splendid grit.There, they've lost the ground they gained,
Now they waver on the shore:
As they break, the fight is o'er,
Sophs, your victory's attained.Homeward drifts the laughing crowd,
While, with cheers of triumph loud,
The Sophs go marching down to paint
the town a brilliant red;With sad attempts at cheer, we tell what
we'll do next year,
And our weary, dripping heroes splash
away to home—and bed. 1918**DR. EWELL PRESENTS PAPER**Prof. Ewell and Dr. Plympton of the
Physics Department attended the meet-
ing of the American Physical Society at
Columbia University, Saturday Oct. 31.
Prof. Ewell read a paper on "Electro-
static Measurements of Single Electrode
Potentials," giving the results of research
which he has been carrying on in the
Salisbury Laboratory for some time.
This is the same work which he reported
on at a recent meeting of the Physics
Colloquium.**PHYSICS COLLOQUIUM**On Wednesday afternoon at the meet-
ing of the Physics Colloquium, Mr. St.
John will give an abstract of "The Produc-
tion of very soft Roentgen Radiation by
Positive Rays and by slow Cathode
Rays"—an article by Sir J. J. Thompson.**REGAN'S****BAY STATE
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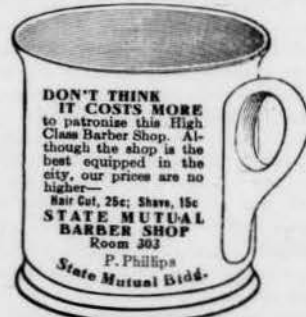
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.75	(dress)	.75
.25	Trousers (regular & fannel)	.25

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1.25	Gloves, per pair	.10
.10	Neckties, colored, each	.10
.15	white	.15
1.75 and 2.00	Overcoats	1.50
2.00	Suits (regular)	1.50
2.00	(dress)	2.00
.50 and up	Sweaters	.50
.50	Trousers	.50
1.00	(fannel)	.75
.25	Vests (regular)	.25
.50	(fancy)	.50

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WESLEYAN WINS 14-0

(Continued from Page 1)

seldom failed making the necessary distance while his passing of forwards was accurate in the extreme. Keenan's carrying of the ball was the very expression of power and the Tech tacklers that he could not throw off, he carried with him for yards at a time.

Slocum, the opposing quarterback, gave a rare exhibition of running the team and he played the Tech team every minute so that the win was due largely to outwitting his opponents. A favorite play that worked well in the first half was a pass over the line that was received short of the Tech secondary defense.

Nourse played a fine game at left end for Wesleyan, his reception of passes being accurate, and his interception of Tech's attempted kicks from placement being spectacular in the extreme.

The Worcester ends were easily the strongest department in the crimson and gray's defense and Duffy and Tomasi smeared so many attempts at flank movements that the enemy crossed off this style of attack from their category in the last half.

Shumway played a fine defensive game and proved a stone wall on his side of the line. His kicking was excellent and his punts were off quick in spite of poor passes and they covered more ground than those of the famed Wesleyan captain.

Mossberg's playing was spectacular throughout the game. This fleet-footed halfback repeatedly skirted the Wesleyan ends for big gains and his diagnosis of plays on the defense often cost the Wesleyan flank movers a loss of 5 to 10 yards.

The Tech team gave a plucky exhibition of fighting and showed a good deal of football sense that has been installed by the best coach in years at the 'State. Crippled at the start by the loss of Cassavant, the powerful tackle, and Archibold, the crack halfback around whom many plays centered, Tech's hopes were lowered more by the injuries in the first of the game to Merriam and Weitzen that necessitated their withdrawal. The patched up team in the second half fought every inch and not only held their ground, but forced the fight to Wesleyan so that the latter were lucky not to be scored upon.

Summary and lineup:

WESLEYAN 14	0 WORCESTER TECH
Nourse l. e.	r. e. Duffy
Talbot l. t.	r. t. Banan, Haselton
Young l. g.	r. g. Merriam, Kallagher
Eaton c.	c. Haselton, Sargent
Sargent r. g.	l. g. Kallagher, Storrs
Gordon r. t.	l. t. Shumway
Banard r. e.	l. e. Tomasi
Slocum q. b.	q. b. Weitzen, Dunbar
Newhall l. h. b.	r. h. b. Dunbar, Stone, Russell
Johnson r. h. b.	l. h. b. Mossberg
Keenan f. b.	f. b. Camp, Tulloch

Touchdowns, Slocum, Nourse. Goals from touchdown, Keenan 2. Umpire, Schwarz, Brown. Referee, Carpenter, Harvard. Head linesman, Knitzer, Wesleyan. Time, two 13 and two 12-minute periods. Attendance, 1100.

JUNIOR CIVILS CHALLENGE

The Junior civils have put forth a challenge to any other division on the hill for a football game. It is understood that the senior chemists are to accept this challenge.

BROWN SHADES TECH

(Continued from Page 1)

to finish were Wood and Brackett, taking tenth and eleventh respectively. Saunders of Brown finished twelfth closely followed by Doolittle, Reavey, and Powers in the order named.

This settled the race in Brown's favor, the first five men only, on each team, counting. The time for the course, 23-48-2, was very fast, falling below Taber's time for the course by only a few seconds. Considering the fact that the course lay over new and exacting territory the showing made was remarkable. The whole team feels confident that had they known the course, they would have won easily, and are waiting, confidently expecting to trim Brown in the Intercollegiate Cross-Countries on Nov. 7.

The finish came as a capital climax to the first quarter of the Brown-Vermont game and was closely followed by the large crowd of Brown supporters.

The full score follows:

- 1, Coop, Brown; 2, Francis, W. P. I.; 3, Gerald, W. P. I.; 4, Moriarty, Brown; 5, Smith, W. P. I.; 6, Bosworth, Brown; 7, Waterman, Brown; 8, Winsor, Brown; 9, Keough, Brown; 10, Wood, W. P. I.; 11, Brackett, W. P. I.; 12, Saunders, Brown; 1, 3, Doolittle, W. P. I.; 14, Reavey, W. P. I.; 15, Powers, W. P. I.; 16, Halliwell, W. P. I.; 17, Bredenburgh, W. P. I.

SANITARY SCIENCE LECTURES

The course in Sanitary Science lectures by Prof. Whipple of Harvard began this week. Last night his subject was "The Value of Municipal Cleanliness" and this interesting lecture was listened to by a large crowd, consisting of a great many notables of the city. Next Friday, the same speaker will present his lecture on "Clean Air." All students will do themselves well to drop into the E. E. Hall at 4.30 on that day and hear a good lecture by an expert.

ANNUAL CONCERT AND DANCE.

(Continued from Page 1)

has been prepared and it is hoped that a large delegation of students will be present to appreciate the work that the clubs have been doing in the past six weeks. The program will be made up of selections from the Orchestra, Glee Club and Mandolin Club. Also the Tech quartette will help to entertain. The quartette is an added feature this year and should prove to be very popular. The association has secured the services of a reader from the student body who will help make the concert this year a greater success than in any other year.

Remember the date! November 6th, 1914. The Musical Association needs your help at the beginning of the season as well as later. If you don't dance, the concert alone will be well worth your money. Tickets at thirty-five cents each can be secured from any member of the Glee Club or at the stock room. Get yours early! Bring her and forget for a few hours that calc. and physics. Remember the fine time you had last year?

TECHNICALITIES

Albert E. Robinson of Hinsdale has been recently elected as secretary of the Civil Engineering society of the Hill.

E. E. Gilmore '14 writes that he is at present located at Fletcher Montana, being engaged in the United States Reclamation service there.

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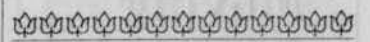
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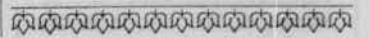


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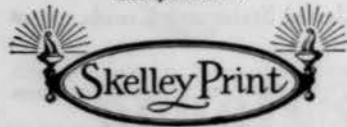
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FOR A 1918 MAN ESPECIALLY

"Tech is Hell." Is it? If you still take the expression literally instead of looking upon it as a bit of Tech poetry and if you are slightly nettled at the manner of some of the courses during the first month, you may think that you feel that way about it. If you do:

Hie you to a log. Sit upon it. Meditate deeply. Analyze the situation. Try to determine just how great a part the newness of it all, the loneliness and the normal, healthy homesickness take in shaping your thoughts.

Having thus meditated for some time; consider the point of the following true story:

One evening, a few years ago, I sat with Mr. John G. Robinson, a man who has made good in war and in peace. He was wounded several times in our Civil War—Gettysburg was among his scenes of action. His peaceful career has been wonderful. He is one of the few men of my acquaintance whom I believe to be fully qualified to answer the question which I asked him. This was the conversation:

"Mr. Robinson, what would you give a young man as a 'recipe' for that something to which we refer by the word 'success'?"

He seemed thoughtfully amused at the question and sat absolutely quiet for perhaps thirty seconds; then he extended three straight fingers and said:

"Just three things:—

"Keep sober.

"Be absolutely truthful, and

"Each day try to do just a little better than you did the day before."

Now you may come down off that log and "go to it."

WILLIAM C. GREENOUGH, '10.

SECOND TEAM DEFEATED

The second team was defeated by the Lawrence Academy aggregation last Saturday at Groton, 13 to 0. The local line was weak, and although the backfield played well, they were unable to score. In the third period the local team carried the ball to the three-yard line, where Lawrence held, and again in the last quarter Sherwood tried a field goal from the 40-yard line, but the kick was a little low. Lawrence scored as the first quarter ended, and again in the third period.

The second team lined up as follows: Perrin, Berry, r. e.; Fors, r. t.; Walker, r. g.; McCutcheon, c.; Lubinsky, l. g.; Horne, Curran, l. t.; Sherwood, l. e.; Berry, Wellington, q. b.; Royal, r. h. b.; Upton, Lapidus, l. h. b.; Hedburg, Lapidus, f. b.

1916 HALF-WAY-THRU BANQUET

The "half-way-thru" banquet of the Junior Class will be held at Sterling Inn on next Thursday evening. This is an event which happens only once, to most of us, and every man in '16 should be there when the curtain goes up. The committee has arranged a tasty menu with all the interesting side lights that belong there, and special cars will see to it that everyone starts home in the right direction. Money may be scarce just now but every man should somehow make it his business to see that he owns a ticket before tonight. The departure of the special cars will be announced later, but in time for everyone to make ample arrangements.

TENNIS TOURNAMENT

Tomblen in Finals

The tennis tournament is now rapidly drawing to a close. During the past week one match of the semi-finals was played and two other contests were staged.

In the former, Babcock '15, last year's runner up, was opposed by Tomblen, graduate student and twice intercollegiate champion of Maine. Both men are back court players and, as a result, the match was a series of pretty, low strokes with few lobs. Tomblen carried off the victory 6-3, 6-1.

In the other matches Haselton '15 was eliminated by Towell '17, 6-3, 6-1 and Babcock defeated Moore 6-2, 6-1. Towell now has to play Butterworth '17 and the winner will meet Vinal '18. The winner of this match will then contest with Tomblen for the championship.

A COMMUNICATION

Individual Responsibility

A recent editorial in the TECH NEWS regarding Tech spirit and "booze" has attracted considerable attention. One of the most important statements is that fellows who are opposed to liquor ought to let their views be more generally known. This is a matter in which every man is personally responsible. You, who believe with the Editor that Tech spirit ought to be "anti-booze," are yourself responsible for the fact that it isn't; unless you do what you can to make it so, at least by letting people know that you think. The NEWS is a good medium through which to express your opinion, if you care to do it that way. Don't be afraid; speak right up.

Yours, in Tech's Interest,
1915.

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