

THE TECH

VOL. XXXIV. NO. 66.

BOSTON, MASS., MONDAY, NOVEMBER 30, 1914.

PRICE THREE CENTS

PROM. NOMINATIONS CLOSED SATURDAY

Twenty Men Nominated—Ballots
To Be Issued Next
Thursday.

The following Junior Prom nominations were handed in at the Cage last week: R. Alfaro, P. H. Buxton, H. P. Claussen, K. Dean, R. E. DeMerritt, P. H. Duff, J. M. Evans, W. J. Farthing, G. H. Gaus, L. T. Hill, E. L. Kaula, A. C. Lieber, D. L. Patten, D. S. Owen, O. B. Pyle, G. W. Repetti, R. S. Rowlett, B. Stetson, C. P. Wallis, G. T. Woolley.

The ballots will be issued Thursday, at the Political Economy lecture.

EXHIBITION MEET

Interesting Program To Be Given
By Combined Teams.

The Wrestling, Gymnasium and Fencing Teams will unite in giving an exhibition meet at the Gymnasium next Saturday night at eight o'clock. The wrestling team will probably put on four bouts, two in the 135, one in the 125, and one in the 158 pound classes. The men who will wrestle have not been picked yet. Captain Crowell of the Wrestling Team will announce them later.

The Fencing Team will put on four men who will pair up in two bouts. The winners will then be matched.

The Gymnasium Team will probably use all their men and do general apparatus work including that on bar, side horse, parallel bars and rings. There will also be some exhibitions of tumbling.

It will be a very interesting meet and the managers hope that there will be a large attendance. The admission fee will be twenty-five cents.

ENGLISH HIGH

The members of the classes of '08, '09, '10 and '11 of the English High School will hold a joint banquet at the Hotel Nottingham, Dec. 1, 1914, at 7 o'clock. Mr. J. F. Casey, the principal of the school for more than thirty years, has resigned. He will be given a send-off by the alumni. Tickets may be obtained from B. Landers, '15.

LUTHERAN STUDENTS

On Friday, Dec. 4, beginning at 7.30 P. M., a social will be given at the Phillips Brooks House at Harvard University, to the Lutheran young men and women attending various colleges in the vicinity of Boston. All Lutheran students attending Technology are cordially invited to attend. Further information, if desired, can be obtained from Dr. Kircher, 20 Rogers.

PLANS FOR WINTER CONCERT AND DANCE ANNOUNCED

Popular Event in Copley Hall, Friday, December 18th—
"Musical Engineers" Will Render Pleasing Program—
Tickets to be Secured From Club Members

Final arrangements for the Winter Concert and Dance, to be held in Copley Hall on Friday evening, December 18th, have just been completed. This annual event, as arranged



ALLEN ABRAMS, '15
General Manager of the Musical Clubs

by the Musical Clubs, has become one of the most popular social features of the year. The date has been well chosen as studies will have been

largely laid aside in anticipation of the Christmas vacation.

The Combined Clubs are under the management of Allen Abrams, a graduate of Washington and Jefferson College. G. R. Duryea, of Springfield, is Treasurer while R. B. Walter, a graduate of Susquehanna College is in charge of the Glee Club. W. B. Ford and F. L. Ford, both of New Bedford, are managers of the Mandolin and Banjo Clubs respectively.

The Clubs have been practicing faithfully for almost two months and are now in the best of condition. This fact was demonstrated at the Franklin Square concert where the organizations were called upon repeatedly for encores. Further opportunities for development will be furnished when the Clubs appear in Brookline and Wellesley College, shortly before the Winter Concert.

The program as presented by the "Musical Engineers" will include the usual vocal and instrumental music by the various clubs. W. L. Ogden, a graduate of Michigan University, is leader of the Glee Club, while the Mandolin Club is under the direction of K. T. King, an alumnus of Armour Institute. R. W. Dixon, an instructor in the Institute, leads the Banjo Club.

A novelty will be introduced by the appearance of an Hawaiian Quartet playing on ukuleles and tonos. (Continued on Page Six)

INSTITUTE COMMITTEE

Discuss Ways Of Raising Money
For Athletics.

A meeting of the Institute Committee was held on Friday night, November 27. Various methods of raising money for Athletics were discussed, but nothing is to be divulged at present regarding them. The report of Tag Day returns, which amounted to \$101.32, was also given. The Architecture, Electrical Engineering and Mechanical Engineering Societies, the M. I. T. A. A., the T. C. A. and the Union Committee, were not represented at the meeting.

ATHLETIC MEETING

There will be a meeting of the Athletic Association in 8 Eng. C, at five o'clock Tuesday. All managers who have previously submitted budgets, must be ready to present them again.

SENIOR DINNER

Preparations Completed—Tickets
Selling Rapidly.

All arrangements for the annual Senior dinner, to be held next Thursday evening at the Westminster Hotel, are now completed. Besides several noted speakers, to be announced later, the committee in charge promises two striking novelties. The affair will be quite informal.

Tickets for the dinner have been selling very rapidly, and C. W. Wood, in charge of the sale, urges the men to procure their tickets at once, so that there will be no eleventh hour shortage. He also requests that each of the men selling tickets leave a report for him at the Cage before Wednesday noon, stating the number sold.

NEWS MEN

There will be a meeting of all news men on The Tech today, at 1.30 in the lower office.

TECHNOLOGY DEFEATS BEVERLY Y. M. C. A.

Wrestling Team Opens Its Season
Auspiciously—New Men
Show Up Well.

Although represented by a practically new team, Technology won their first wrestling meet of the season in a businesslike manner. Only two of last year's team wrestled, Captain Crowell and Goodell. Of the six new men representing Technology for the first time, four won their bouts. Manager Morse considers this showing very gratifying.

In the first bout of the evening, Bone, of Technology, won from Young, of Beverly, by decision. Young outweighed Bone nearly eight pounds, but in spite of this handicap Bone threw him to the mat at the beginning of each of the three periods and easily remained on top.

Clark, a freshman, made his debut as a wrestler when he met Atkins, of Beverly. Atkins, who is one of Beverly's best men, showed his experience in throwing Clark with a head chancery and bar hold in two minutes.

Another new man for Technology, although not at the wrestling game, made his appearance when Giles threw Torrey of Beverly in about seven minutes. As in the preceding (Continued on Page Three)

M. E. SOCIETY TRIP

Interesting Plant Will Receive
Attention Of Party.

The Quincy Hall Market Refrigeration Plant will entertain a large delegation of students from Technology next Tuesday afternoon. The trip is to be given under the auspices of the M. E. Society, but, as the number for the trip is not limited, men from all Courses are invited to attend. The party will be conducted through the works by Mr. H. W. Tinker, general manager of the concern.

CALENDAR

Monday, November 30, 1914.

1.00—Candidates for Circulation Manager Meet in Upper Office of The Tech.

1.30—Meeting of all News Men on The Tech. Lower Office.

4.00—Glee Club Rehearsal. Union.
5.00—Mr. McDaniel Will Meet Lyric Men. Tech Show Office.

Tuesday, December 1, 1914.

1.45—M. E. Trip. Start from Rogers Steps.

4.30—Meeting of Wireless Society.
5.00—Athletic Association Meeting. Room 8, Eng. C.

7.00—Eng. High School Alumni Banquet. Hotel Nottingham.

THE TECH

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MONDAY, NOVEMBER 30, 1914.

IN CHARGE OF THIS ISSUE.

Editor: G. H. Stebbins, '17.
Associate: E. W. Rounds, '17.
Assistants: A. P. Sullivan, '17; A. H. Wenzel, '17; G. L. Hall, '18.

We hope that December seventh, the birthday of President Rogers, will not be allowed to pass as it did last year, without public recognition. Perhaps the circumstances do not justify an All-Technology dinner such as was held in 1912. In any event, it is too late to make elaborate preparations now, but some tribute to our first President, such as a convocation with simple memorial program, would seem to be in order.

Technology has been requested to do its share in contributing toward the Red Cross Fund. In view of the fact that at the present time there is such a great demand for the students' money, it did not seem advisable to resort to the usual methods of an entertainment or benefit performance for raising money.

The committee in charge, considering the matter, have accordingly reached the conclusion that the most feasible plan to pursue is to declare a certain day each month to be Red Cross Day. On this day stations will be established in the Institute buildings where the student body may donate whatever they wish to the cause of relief. Further details will be announced in ample time for all Tech men to save up at least a few pennies to donate to the cause.

The rather low returns from Tag Day indicate what was apparent to many at the time,—that the canvass

CIVILS HEAR DR. POWERS SPEAK

Lecture Preceded By Business Meeting—Friday Trip Announced.

At the C. E. Society meeting Friday, A. C. Lieber, '16, was elected member of the program committee in place of F. R. Foster, '16, who did not return to the Institute this year. Mr. M. B. Dalton, President of the Senior Class, resigned from the executive committee in accordance with the point system. This vacancy will be filled from the class of 1916 at the next meeting. A vote of thanks was given to Col. Hahn and the officers of Fort Andrew for their courtesy at the recent trip.

Pres. Thomas announced a trip to the new Boston & Albany bridge near Riverside for Friday, Dec. 4. The party will leave Trinity Place at 2.05. Men going on this trip are requested to sign the slips in the Drawing Rooms so that the committee in charge will be able to buy the requisite number of 12-ride commutation tickets. These tickets are sold with a reduction of practically 50 percent for each ride.

After the business meeting, Rev. Dr. Powers of Gloucester addressed the Society on "What We Owe to Germany." According to the lecturer, Germany leads the world in five tests of civilization: (1) In the creation of wealth Germany has no superior. For example, she buys a barrel of coal tar in America for five dollars and manufactures from this products worth \$10,000. (2) The industrial and theoretical development of science has been made mostly by Germans. (3) In the elimination of waste, the highest test of civilization, there is little comparison with other nations. In fire waste alone the United States exceeds Germany by 100 percent. (4) The mass of German people is far less illiterate than the common populace of any other country. The army acts as a school, to which every man must go. (5) Law and order are maintained to a better degree in Germany than elsewhere.

Three disadvantages of the German system are the survival of the medieval royalty, the low position of the women of the poorer classes, and strong religious prejudices. He closed his lecture with these last three subjects which, however, were not discussed as thoroughly as the other ones.

was less thorough than might be wished. If every man had been persistently approached, we believe last year's record of \$250 might have been exceeded.

We note with pleasure that the Union victrola has received attention to the extent of a new needle-receptacle, and hope that in time more radical improvements may be made.

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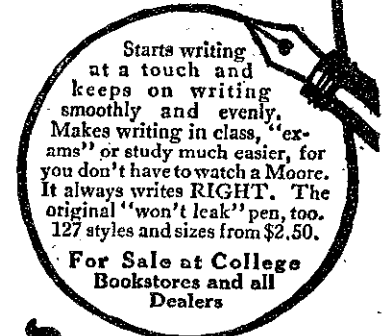
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VOLUNTEERS WANTED FOR SOCIAL SERVICE

T. C. A. Sends Call For Student Teachers In Settlement Work.

Several of the settlement houses have sent in to the Technology Christian Association for volunteers in the social service work. This work does not take more than one or two evenings a week of the fellows' time.

The House of Good Will, East Boston, a non-sectarian institution, whose work lies among Irish, Italians, Scandinavians and Jews, is in need of teachers of industrial work, vocational advisors, leaders of singing, civic and English classes.

The Ruggles Street Neighborhood House, located in the Irish district of Roxbury, wants men to take charge of gymnasium classes. The North End Union, 20 Parmenter street, wants six men for boys' work.

The Home Libraries, a unique form of boys' club work, is also in need of workers, together with the Boston Children's Aid Society. Any men interested in the work, or desiring further information may call and see Mr. Cushman, the secretary of the Technology Christian Association, in his office in Engineering B.

BASKETBALL

Team Of Tech Men Defeats Y. M. C. A. Teams.

A basketball team organized by W. W. Rausch, '17, has played with no little success with the Y. M. C. A. teams of Boston and Cambridge. Gukky at center and Kendall playing back have shown a very steady game. Hudson has developed a great defense and has been of great use in enabling the Howard brothers to get in some excellent passing. Rausch and Capt. Morse have been playing very fast. The result of the game with the first B. Y. M. C. A. team was 12-9 in favor of Rausch's team while the game with the second team was won 18-9. The Cambridge team also was defeated by a good score. There are more games to be played which, due to the excellent playing, are attracting a lot of deserved attention.

FOUND ARTICLES

Articles enumerated below have been found. Owners of same may obtain them at the Office of the Supt. of Bldgs. & Power, 26 Trinity Place.

One of each: Dictionary, French grammar, First Year English, Essentials of German, cuff link, glove, bunch of keys, pencil, pouch (tobacco) stick pin. Two of each: Note book, fountain pen, compass, watch fob, knife, Answers to Exercises for The Calculus. Two pairs of Gloves. Three umbrellas.

CHESS MATCH

Saturday evening the Technology Chess Team lost to Harvard at Cambridge by a score of 5 to 3. Tech's showing was bad owing to the poor playing of some of the team and to the absence of one of its good players.

COMMUNICATION

To the Editor of The Tech:

On Friday evening last the Civil Engineering Society held a meeting in the Union, at which an address was given on the subject of "What We Owe to Germany." On the same date in 42 Pierce Professor John O. Sumner addressed the Architectural Society on "The Present European War."

With all the talk and agitation, last year and this, about the conflict of dates, it would seem that such confusion need not arise. Either the Societies in question are at fault in not handing in dates for meetings, etc., to the Calendar Committee at the Union, or else the Committee has not made enough effort to induce the secretaries of the Societies to be particular in handing in these announcements.

Certainly if the Calendar System is to be retained the Committee should do something to increase its efficiency.

Yours,
UNDERGRAD.

TECH VS. BEVERLY
(Continued from Page One)

bout, Giles used a head chancery and bar hold to throw his man. These two bouts were the only ones in which a fall was secured.

Blodgett, who was a member of the wrestling team two years ago, managed to get a decision from Paradise of Beverly. Blodgett made use of his great strength and kept throwing his opponent to the mat.

The best bout of the evening was the one in which Hoffman of Technology defeated Fielding, of Beverly. Although Fielding seemed to be much stronger than Hoffman, his knowledge of the game was less and he lost a hard fought decision. In this bout Hoffman was on top of his man practically all the time.

In the next bout, Goodell of Technology lost a decision to Churchill of Beverly. The bout was very close and an extra period was necessary to decide it. The next bout was similar to the preceding. Bond, after a hard fight, finally succumbed to Rust of Beverly after they had wrestled an extra period.

In the last bout of the evening Captain Crowell won a close decision from Ozal of Beverly. The third period of this bout was mostly foot work.

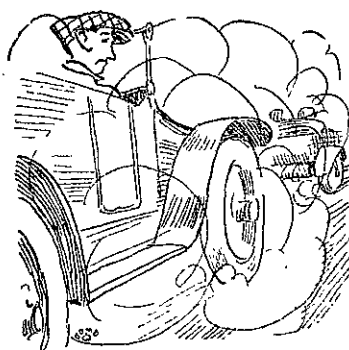
The bouts were of three periods, two six-minute and one three-minute. If no decision was reached after the fifteen minutes, another three-minute period was required.

(Continued on Page Six)

GYM TEAM NOTICE

There will be important practice of the Gym Team at 5 o'clock in the Gym today. Captain Mendelsohn states that the fellows have not been showing as much "pep" as he would like them to, and for this reason he wants every one to be on hand today.

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PROFESSOR SUMNER ON EUROPEAN CONFLICT

Sums Up Causes Of Present War —Professor Cram Predicts "New Europe."

Last Friday evening Professor John O. Sumner and Ralph A. Cram talked before the meeting of the Architectural Society on the subject of The European War. In opening his discussion, Professor Sumner characterized the conflict as the most frightful assemblage of arms in history, a war not picturesque like the Napoleonic conquests but one involving eighteen million men with consequences which each inhabitant of the globe will feel.

The speaker related a personal anecdote in which he together with a number of friends visited a hunting forest about twenty miles outside of Berlin. The grounds were laid out in a rolling country with winding roads and dense woods, lakes and inns being placed at intervals. There were few landmarks and it was necessary to take a guide in travelling about. On a former visit they had had the services of an old guide but on this particular occasion followed the guidance of a German boy of about fourteen years old, who lead them unhesitatingly over an eight-mile walk. Surprised at the knowledge of the youth, who said that he had only been in the wood once, about two years before, they questioned him as to how he could be so well acquainted with the intricate roads. He replied that, "every German soldier is supposed to know a road over which he has passed once." The boy is now at the front on the staff of the German Crown Prince. This, Professor Sumner stated is a typical example of the German feeling that soldiering and the army are the most important functions of the state.

In the beginning of the seventeenth century Germany which was composed of three or four hundred small states, was the most prosperous country in Europe with a civilization of a very high degree. Early in this period, came the Thirty Year's War and from thirty millions in 1618 at the beginning, the population decreased to fourteen millions in 1648 at the close of the struggle. This put Germany a full century behind the rest of Europe in the matter of civilization. From then until 1850, when she had recovered from this blow, although politically divided, Germany produced literature and art of a very high order. Following the great defeat by Napoleon at Jena they determined to repair the damage done by intellectual effort. Berlin and other universities were founded and their influence extended over Europe and to the United States.

In 1848 the continent was visited by a wave of revolutionary spirit, with a desire to abolish the small states and form a possible republic, but this was vetoed and Frederick William IV was tendered the office of Germany Emperor. However he refused the crown offered him by the people and said that he would not accept it from any source except the sovereigns of the different states.

This illustrates the Prussian idea of state—composed not of the people but of the king and the rulers who govern the people. Public opinion does not influence the state in Germany today. The average German feels that the state knows far better than the people what laws and wars will be best for the nation. This is the weakness and at the same time the great strength of the Prussian system.

From its earliest beginnings in 928 the small Prussian state had series of perpetual wars and was so hardened to control by leaders. In 1230 another period began when the Teutonic knights crusaded against the Lithuanians to the north instead of going to the Holy Land. When the Reformation came and most of north Germany followed Luther, the Teutonic knights also joined the new cause, but protestantism had no room for a crusading order, and so knights became a duchy with their grand master, Albert of Brandenburg as hereditary duke of the country called Prussia, under the general authority of the King of Poland.

This continued until in 1740 Frederick the Great began his conquests, by which perpetual war Prussia became a European Power. Next upon the scene following the refusal of Frederick William IV in 1848, Bismarck appeared and the welding of Germany by "blood and iron" commenced. In 1864 the first of a series of three wars took place. With Austria as an ally two duchies were taken from the Danes. The Prussians took both duchies as their own property and in 1866 Austria was defeated by Prussia in a month. The North German Confederation was formed at this time and to offset its effect Austria united with Hungary.

This is an application of the state idea. Neither Austria nor Germany is governed by its people. No bill passed by the Reichstag becomes a law unless it is ratified by the rulers. The king chooses his ministers as his servants and they hold their positions as long as they serve him well. The Reichstag is rather more of a debating society than a law-making body.

Down to 1890 the state had no large navy. The Germans regarded a war between themselves and England as one between a dog and a fish. When she began to secure colonies attention was paid to the development of the navy. Following the revolutionary period in the middle of the nineteenth century many Germans left their native land and settled in the central west of the United States and other foreign lands. They became citizens of the countries in which they settled and today many French soldiers from northern France are of German descent. In regard to the way these emigrants were regarded by the Germans the view expressed by the Kaiser may be quoted: "I know Germans, I know Americans, but I don't know anything about German-Americans." To provide German soil for these people to settle upon the government sought colonies in Africa, New Guinea, islands of the South Atlantic and Indian Oceans and

(Continued on Page Five).

(Continued from Page Four)
EUROPEAN CONFLICT

other places. In their attempts to establish a protectorate over Venezuela they ran into the Monroe Doctrine, while France objected to their designs on Morocco. There was danger of war at this time because France held Algeria but the large German "call" loans held in England and France prevented this. This difference was made a fundamental issue in the present war.

In 1899 Germany received a railway concession from Abdul Hamid, sultan of Turkey, for a line across Asia Minor to the Persian Gulf, with the idea of developing the lands about the Tigris and Euphrates river valleys, with a possibility of getting India. Austria also cherished the wish of getting a foothold on the Aegean Sea by a railway through the Balkans. Most of the Balkan states were liberated from Turkey by the aid of Russia but Serbia had been helped by Austria and, down to 1903, when several members of the Serbian royal family were assassinated, she looked to Vienna rather than St. Petersburg or Petrograd for political guidance. The new ruling house changed the order of things and brought the Balkans under the sphere of Russia.

This rather spoiled the German-Austrian idea of a continuous railroad line for colonization and military purposes from Europe to the new eastern lands. However, the railway is now constructed across Asia Minor as far as the Euphrates.

In 1907 England and Russia agreed to use Persia to offset the German railway. Persia was to be divided into three sections, the northern sphere under Russia, the southern under England and the middle neutral. A railroad was to be built from Teheran to India. These plans were hard on the Persians, who had started to reorganize their government under Mr. Schuster, an American, but it was felt necessary to interfere on account of Germany's rising influence and build a railroad paralleling the German line, so that England could rush troops to India. Serbia, under Russian influence, is to

HOCKEY PRACTICE TO START THIS AFTERNOON

Men To Report For Practice At Gym—Arena Not Open Until Dec. 10th.

This afternoon at 4.15 the Hockey Squad will have their first practice. All men are to report at the Gym prepared to take a short run. Mr. Ralph Whitten will probably coach the team this year and will give the men a short talk today. The following men are to report: Fletcher, Earl, Young, Winton, Keeler, Jewett, Woodward, Holdin, Woodland, Coward, Ross, Gould, Lowengard, McLaughlin, Procter, Tutein, Hibbard, Gray, Toye, Hunt, Sawyer, Cochrane, Maguire and any other men who intend coming out for the team.

It is important that all candidates report regularly for the short runs on account of the fact that the game with Harvard comes so soon after the opening of the Arena. A great deal will depend on these runs to get the team in shape. The Arena will open for practice on Dec. 10th and until then the men will report regularly at the Gym on Monday, Wednesday and Friday.
ad F

day no longer a small, struggling state, and her efforts have effectively blocked the Austrian plan for a railway to the Aegean.

Professor Cram declared that the war was the greatest historical event since the fall of Rome. He said in part:

There are essential and profound questions of right and wrong before us. We have no fear or enmity against the German people. Their ideals are our ideals. But what about Prussia? Prussia and Germany are divided by the whole circumference of the universe. When Rheims Cathedral was being built, original Prussia was just becoming Christianized.

Professor Cram predicted many changes in Europe following the conclusion of the conflict. Among these were a King of Prussia, but of a small Prussia similar to the original state; an independent Hungary; and Poland, a united independent state.

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WINTER CONCERT
(Continued from Page One)

harp, the weird music of these instruments, together with the odd words of the songs, will produce a unique effect. There will also be an instrumental trio composed of 'cello, flute and piano. As usual the vocal quartet will appear in humorous selections.

Following the program there will be a dance from 10 o'clock to 2 o'clock. Poole's Orchestra will furnish the music, as they have done in years past. The catering will be under the direction of Maddalena who has had charge of the refreshments at former affairs.

In accordance with the usual custom the wives of faculty members have been invited to act as matrons for the occasion. Numerous house-parties have been planned for the week end. In order that such companies may be satisfactorily accommodated the management has arranged to reserve seats in blocks of ten or more. These will be allotted impartially and may be secured by any party of sufficient size. Requests for such reservations should now be placed in the hands of the manager.

Tickets for the Concert and Dance may be secured from the Club members, while reserved seats will be placed on sale about December 10th. In order that no confusion may arise preliminary dance orders will not be issued until about December 10th.

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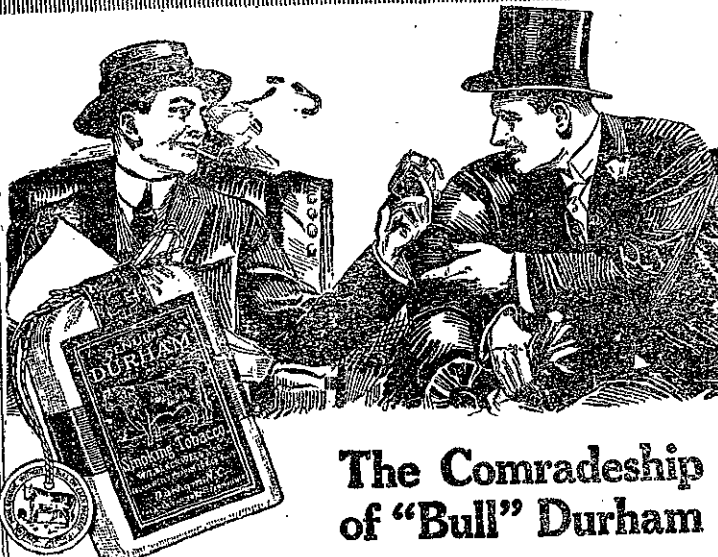
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TECH VS. BEVERLY
(Continued from Page Three)

The summary is as follows:

125-lb. class—Bone of Technology won by decision from Young of Beverly. Time, 15 min.

125-lb. class—Atkins of Beverly threw Clark of Technology. Time, 2 min.

135-lb. class—Giles of Technology threw Torrey of Beverly. Time, 7 minutes.

135-lb. class—Blodgett of Technology won from Paradise of Beverly. Time, 15 min.

135-lb. class—Hoffman of Technology won from Fielding of Beverly. Time, 15 min.

145-lb. class—Churchill of Beverly won from Goodell of Technology. Time, 18 min.

158-lb. class—Rust of Beverly won from Bond of Technology. Time, 18 min.

Heavyweight class—Crowell of Technology won from Ozal of Beverly. Time, 15 min.

Referee—"Doc" Provan of the B. Y. M. C. U.

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