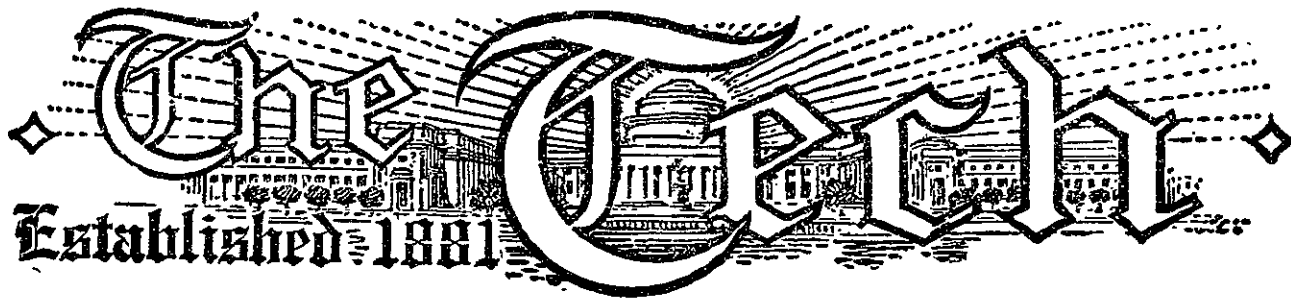


THE TECH wishes its Readers a Merry Christmas



A Record of
Continuous News Service
for 43 Years

Official
Undergraduate News Organ
of Technology

Vol. XLIV No. 66

CAMBRIDGE, MASS., TUESDAY, DECEMBER 23, 1924

Five Cents

PROFESSOR NORRIS TO HEAD AMERICAN CHEMICAL SOCIETY

Institute Professor Chosen As
President by Recent
Elections

HAS WRITTEN MANY BOOKS

Other Men at Technology Also
Serving as Officers
Of Society

Professor J. F. Norris of the Department of Chemistry, has been elected President of the American Chemical Society for the year 1925. The ballot was taken by mail during the past few weeks and the results, which have just been made public give the honor of the presidency to the Institute professor.

The American Chemical Society is the largest and most representative professional society in the chemical industry and has a membership of over 5000. Professor Norris is not the only representative of the Faculty of Technology holding office in the society. Dean H. P. Talbot '85, is a member of the board of directors, the governing body of the organization, and several other Institute men are serving as counselors.

Graduate of John Hopkins
Professor Norris graduated from Johns Hopkins University in the class of 1892, but continued his studies there until 1895 when he received his Ph.D. degree. He came to Technology in the same year as an assistant. He remained here until 1904 when he went to Simmons as Professor of Chemistry. He also taught in Vanderbilt University for a time, but returned to the Institute in 1916.

During the war Professor Norris had charge of the chemical research in the war gas investigation of the Bureau of Mines. He was also an associate member of the Naval Consulting Board.

Previous to his election as head of the Chemical Society Professor Norris had held other important offices. He was president of the Northeastern section of the American Chemical Society and has been an officer of the Chemistry Teachers' Association of New England and of the Technology Club. The newly elected president is well known to students in the Engineering courses as author of the text book used by the freshmen. He is also the author of several other books and papers dealing with chemistry.

CORPORATION MEMBERS SEE DOCTOR STRATTON

Two members of the Corporation, F. W. Hobbs '89 and Walter Humphreys '97, visited President S. W. Stratton on a recent trip they made to Washington. They found the president to be in a "wonderful cheery mood." Doctor Stratton told his visitors that he was looking forward to getting back and that "misses the dorms and the boys all around him."

Doctor Stratton is still convalescing at the home of Dr. W. G. Morgan in Washington where he went after leaving the Garfield Hospital. His health is much improved since his operation, and he has been able to move about his room for some time. As yet no date has been announced for his return.

PROFESSOR FROM SWISS COLLEGE WILL LECTURE

A new series of lecturers will be presented by the Department of Physics of the Institute. The speaker is Professor P. Deybe of the Eidgenesische Institute of Technology at Zurich. He will lecture on Monday and Friday of each week beginning on Friday, January 9. All the lectures will be held in room 4-321 at 4 o'clock.

Professor Deybe's subject will be some aspects of Modern Physical Chemistry. All interested are invited to attend. The last lecture will be on March

The next issue of THE TECH will appear Monday, January 5.

Gas Attack Loosed On Men in New Dormitories

Occupants of the new dormitory had their studies rudely interrupted one night last week when a gas attack of nearly the size and strength of those used in the war was turned on the men in the three upper floors. Some practical joker, possibly affected by the strain of examinations, flooded one of the rooms on the third floor with the pungent fumes of hydrogen sulphide.

The gas was not content to remain in one room, and quickly filled the three upper floors. Heads busily engaged in coughing and sneezing appeared at all the windows, and most of them remained there until the obnoxious fumes had been partially dispersed. Several men complained of headaches after the gas attack was over.

COURSE REVISION TO BE NECESSARY

Two Term System Will Probably
Not Increase Number
Of Hours Taken

A new catalogue of courses with changes to conform to the new two-semester calendar will appear in the spring. The recent Faculty ruling makes it necessary to revise many of the courses.

Subjects such as Mathematics, English, Physics, and Chemistry, to which a definite number of hours each week are devoted throughout the school year will have the same number of hours assigned to them weekly under the revised schedule. Subjects which are given for one term only will be revised, so that a thirty hour course will be given twice a week for fifteen weeks, instead of three times a week for ten; ten hour courses will be extended, in most cases, to fifteen hour; and twenty hour courses will be changed to either fifteen or thirty hours.

Under the stress of the examinations of the past week, many of the students have been convinced of the value of the two term plan, which will limit examination periods and also the number of examinations each period so that in most cases there will be only eight examinations for any man each year.

EXHIBITS DAMAGED BY SOUVENIR COLLECTORS

Souvenir hunters are causing the custodians of the Naval Architecture Museum considerable worry at present. Any small object that is not firmly attached to a strong base is appropriated by visitors to the museum. The custodian is unable to be present at all times and when there are many strangers viewing the exhibit, which is open to the public, it is practically impossible to tell who is responsible for the petty thefts.

The models on exhibit at present are owned by the United States and are loaned to the Institute. The Institute authorities are obliged to put up a bond covering any losses so that the loss from all these thefts falls on Technology.

Fleet of Labrador Fishermen Being Repaired in Pratt Building

Eight Labrador ships are at present in dry dock in the model construction room on the second floor of building 5. These vessels are having some badly needed repairs made following a rough passage from the storm swept coast of Labrador. The largest is about three feet long.

These models were brought here by a representative of the Grenfell Mission. Following a failure of the fishing season in 1923 due to an epidemic of sickness, the fishermen turned to practically the only remaining means of gaining a livelihood, that of making model ships to sell. Twelve of these crafts were sent to Boston recently but owing to storms encountered on the way some of them had their rigging and part of their hulls damaged. The ships are practically all built up piece by piece, only one of them being carved from a solid block. The tiny planks are all made and fitted exactly as in a full sized schooner and each of

STUDENTS DESERT INSTITUTE DURING CHRISTMAS PERIOD

Examinations on Monday Delay
Departure of Numerous
Undergraduates

CAFETERIA TO STAY OPEN

Some Students to Continue
Research During
Holidays

Practically every member of the student body of Technology has been missing from his accustomed haunts this week and the corridors which formerly teemed with life are for the time being deserted. Most of the men left either Friday or Saturday, but the freshmen and a few stragglers with Monday examinations failed to leave for the places where they will spend their vacations until yesterday.

The Monday examinations interfered with the vacation plans of many of the men this year since in some cases they would have been through Friday night if it had not been for a single examination. Wherever it was possible the schedule was changed for such men or they were permitted to take conflict examinations.

Examinations Ended Yesterday
The last of the "post mortems" were held yesterday. A large sign has been posted outside the fourth floor drafting rooms of building 3 during the entire examination period imploring men to hold their consultations elsewhere because the din bothered the men in the examination rooms, especially those near the door. One of the activities offices also has a sign to the same effect.

Men remaining at the dormitories during the vacation period will still be able to eat at the cafeteria which is to remain open although the grill and the faculty dining room are to be closed. The cafeteria has been decorated to help foster the Christmas atmosphere.

Some of the men claim that the issuing of the marks during the holiday mars their pleasure, but the majority of the men are not so pessimistic. The five dollar fund for late registration was also mentioned as a joy deterrent.

Registration Material Due
By returning registration material today, paying fees before January 3, and following the prescribed procedure on registration day the fine may be avoided. Many men are in the habit of registering late in order to obtain an extra day or two of vacation, however.

Major Smith's men in the Department of Buildings and Power will be busy cleaning during the absence of the students. The force of janitors and mechanics take advantage of the vacation each year to give the Institute a thorough cleaning.

Many of the students and graduates doing research work and working on theses will also work through the vacation period. The Division of Laboratory Supplies will keep the supply rooms open during certain hours to accommodate these men.

NUMEROUS FEATURES WILL ENTERTAIN GRADUATES AT GET-TOGETHER JANUARY 3

Tabular View Is Best Of All Cross Puzzles

THE TECH yesterday was the recipient of a letter apparently from a student deeply mired in the intricacies of the tabular view. He entitles his little parody on the Registrar's tri-annual intelligence test, "How to Avoid the \$5.00 Fine: Solve this Cross Course Catechism on or before January 5." It is probable that the tabular view, as a puzzle for cross-word enthusiasts, offers considerable more brain exercise than the usual variety. In this case, it is not the object to fill in as many of the blank spaces as possible, but on the contrary to revise the schedules so they conform more nearly to those of Course IX.

SEDGWICK LECTURE COMES NEXT MONTH

Harvard Professor Will Speak
At Third Lecture in
Memorial Series

This year's Sedgwick Memorial Lecture will be held on January 22 with Professor Osterhaut of Harvard University as the speaker. "Some Fundamental Problems of Cellular Physiology" is to be the topic of the address, the third to be given in the Sedgwick series of biological lectures.

Professor Osterhaut has been prominent in the fields of medical and biological research at Harvard. He will leave the university soon to take up his duties at the Rockefeller Institute of Medical Research, a position to which he was recently elected.

The Sedgwick Lectures were started in 1923 as a memorial to the late Professor W. T. Sedgwick. Professor Sedgwick has been a member of the Department of Biology and Public Health at the Institute for over thirty years and had been head of the department during the latter part of his life. His co-workers and associates established a lectureship upon his death as a memorial.

The first lecture of the series was given by Professor E. B. Wilson of Columbia University, who had been associated with Professor Sedgwick in the authorship of a book. This year's lecture will be given in Huntington Hall at 5 o'clock on January 22.

HANGAR IS LOANED TO U. S. MAIL DEPARTMENT

Handling of Mail Facilitated
During Busy Season

Because of the crowded condition of ordinary mail distribution centres, Technology has loaned the use of the hangar building to the United States Mail Department. It is of some interest to note the system used in sorting the parcels.

The hangar handles packages for all Cambridge. Cambridge is divided into several centers such as Belmont, Waverley, and others; these centers into sections, and the sections into groups of streets. Thus it can be seen what intricate handling mail goes through before it reaches its ultimate destination.

The hangar was opened Thursday and it has not been closed since, nor, due to the usual Christmas rush, can it be until Saturday evening. Mail officials express their hearty thanks to the Institute for the aid given them.

So far as Technology mail is concerned, the incoming mail is considerably less than the usual 5000 pieces per day. This is accounted for by the fact most Technology men whose homes are east of the Mississippi go home for the holidays. The outgoing mail is easily handled by the usual Institute mail staff.

DR. S. M. VAUCLAIN SECURED TO SPEAK AT ANNUAL AFFAIR

Former Tech Show Favorite and
Cartoonist Will Add
To Interest

WILL BE HELD IN WALKER

More than five hundred Alumni are expected to attend the annual Alumni Banquet to be held January 3 in the main hall of Walker. The Committee on Assemblies, which has charge of the affair has secured a number of interesting entertainment features and a group of prominent men as speakers.

President Stratton, who has not yet fully recovered from his recent operation, and consequently will not be able to attend, and will be represented by Dean H. P. Talbot '85 who will read a message from the President. T. B. Booth '95, will preside and the speakers will be S. M. Vauclain and Professor D. R. Dewey.

Mr. Vauclain is President of the Baldwin Locomotive Works. He will come to Boston as the guest of Elisha Lee '92, Vice-President of the Pennsylvania Railroad, in the latter's private car, from Philadelphia. Professor Dewey is head of the Department of Economics and Statistics and has charge of the courses in Engineering Administration.

As an entertainment feature F. D. Gage '22, former Tech Show favorite, will render musical selections. E. F. Payne of the Boston Globe, originator of the famous Sunday comic "Billy the Boy Artist," with the aid of crayons, will make character sketches, and will do some impersonations of familiar personages.

There will be singing of Technology songs and cheering lead by O. B. Denison '11, secretary of the Alumni Association. It is expected that a number of Alumnae and Wives of Alumni will be present, and there will be a special table for the ladies.

(Continued on Page 4)

GENERAL BULLETIN FOR SECOND TERM APPEARS

Students Are Responsible for
Entire Contents

Students may now obtain the General Bulletin for the second term at the Information Office. The bulletin is substantially the same as its predecessors. It contains a list of department heads and officers in charge of certain subjects. A list of registration officers for all courses and classes is also given. A calendar with a list of the important dates for the second and third terms is given for the benefit of those who like to look ahead. The usual material regarding buildings, employment, dining service and medical service is also given. Many assignments are made in the information regarding courses. The necessary material for each course is also prescribed. As is usual the student is held responsible for the entire contents of the bulletin.

CALENDAR

- Friday, January 9
4:00—Physics Lecture, room 4-231.
- Tuesday, December 23
1:00—Registration material due.
- Saturday, January 3
1:00—Second term tuition due.
6:30—Alumni Banquet, main hall, Walker.
- Monday, January 5
9:30—Second term registration.
8:00—Lowell Institute Lecture, Huntington Hall, Boylston St.

A Record of Continuous News Service for 43 Years



Official News Organ of the Undergraduates of Technology

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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SUBSCRIPTION PRICE, \$2.50 PER YEAR: Published every Monday, Wednesday and Friday during the college year.

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In Charge of This Issue:

H. F. Howard '26

THE YULETIDE SPIRIT

THE most of us contains a disharmony that resonates harshly upon contact with our associates. The most of us is a prejudice that conflicts with the prejudice of others.

Legend, religion, and this divine affinity have combined to create an almost universal observance of season during which good will is given sway over our more selfish impulses.

The cheerful colors, the legendary characters, the great Yule-log with its brightening flame, the Christmas story with its beautiful sublimity, the glee of children and the buoyancy of the elderly—all of these many things lend an indescribably fascinating charm to Christmas.

We deplore the time when the cold, clammy hand of materialism might blight this gracious season. As our part in preserving its spirit we extend to you our heartiest greetings, our hand of fellowship, and our wish that everyone will obtain all the pleasure that the season has to offer.

STILL MORE THIEVERY

THIEVERY and thievery keeps on in endless space from day to day. This time someone made away with the batteries from the motorcycles parked outside of the dormitories.

Some radio bug or something of the sort with a diseased moral responsibility apparently needed a few storage batteries and proceeded to confiscate them surreptitiously.

We know, of course, that it is far easier to talk about evils than to remedy them. We have, however, a remedial suggestion to make. Since there are many cars and motorcycles parked on the grounds of the Institute near the dormitories, might it not be a wise move for the Corporation to have a garage built for the exclusive use of students?

At least we would like molestation and thievery curtailed. We believe it possible for the students to break up some of it.

INSTRUCTORS DISCRIMINATE

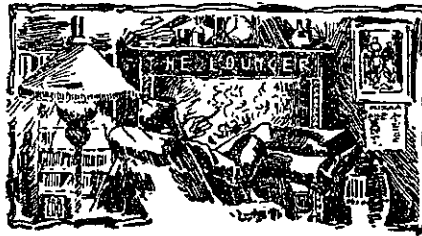
SOMETHING occurred in the Sophomore Physics examination last week which strikes us as decidedly unfair. During the exam instructors walked up and down the aisle, and extended considerable help to students who happened to be fortunate enough to be sitting next the aisle.

Of course it is unusual for the proctors in an examination to give hints of any kind, but if the Physics Department choose to do so, it is their affair. However, it is certainly working an injustice to give some of the students help, and leave others entirely to their own devices.

It is always a difficult enough problem for the members of the Faculty to make out examinations which are entirely fair, and it is certainly laudable that an attempt was made in this examination, which students said was unusually difficult, to make things perfectly fair by giving hints.

If the world is flat we will be looking for the edge just after December 31st.

A professor used the argument that the students need the rest over Christmas before taking examinations. Sweet jumping pagiddy, has he never spent a Christmas a la modern style?



The all-pervading spirit of Christmas has quietly crept into the materialistic confines of Technology. Even the stony hearted engineers have at last succumbed to the warming and softening influence of Santa Claus.

The Lounger is in receipt of an epistle from one of the Institute's recent grads (yes, he graduated) in which he waxes epigrammatic. In one place he says: "What the EH department needs is fewer exams and more X-words to educate them."

Jumping Judy, what are we coming to! When balls are putted on baseball diamonds and not swatted in the approved Babe Ruth manner, the Lounger feels that something ought to be done about it.

Of course, the logical conclusion is that such devotion to the noble sport of golf should not be overlooked. The Lounger therefore brings forth a suggestion to the Faculty which would find a worthy use for the recently-acquired land the other side of Massachusetts Avenue and also for a few thousands of the Eastman gift.

There ain't no Santa Claus! Not this year anyway. It will be old Nick himself that will make the visit instead to put a long envelope in numerous stockings.

Thrice this exam period the Lounger bit the dust — was first gored by applied, then trampled by math, and then finished up by Heat 2-40. What does Christmas mean after all of that? Regrets and explanations, howls and damnations. A great deal of the latter especially.

Play Directory

- COLONIAL: "Stepping Stones." Good. COPLEY: "Make Believe." Matinees daily. HOLLIS: "China Rose." Oriental operetta, beginning tomorrow. MAJESTIC: "Gus the Bus." Funny, if you are in the mood. PLYMOUTH: "Cobra." A play by Martin Brown. ST. JAMES: "Oh Boy." Reviewed in this issue. SELWYN: "In the Next Room." New mystery play. SHUBERT: Hassard Short's "Ritz Revue." Opening Christmas night. Very snappy. TREMONT: "Be Yourself." WILBUR: "Sally, Irene, and Mary." Old favorite back again.

The FENWAY MASS. AT BOYLSTON Merry Christmas Program Betty Compson in "LOCKED DOORS" A Paramount Picture

School of Astronomers Offers Proof To Show That World Is Flat Plane

Editor's Note:—This article, inspired by a flat-world explanation of the recent circumnavigation of the globe by U. S. fliers, set forth by a famous flat-world proponent—Voliva—is a brief summary of the main arguments of those who believe in this theory.

The recent flight around the world does not prove that the earth is a globe," says Wilbur Glenn Voliva, "for such a thing is equally possible on a flat stationary plane who center is at the North Pole."

Living in the 20th century, and thinking in the manner of the 20th century, we are prone to forget that there are many things in the world today which, but a few years ago our fathers laughed at, and but a few years before that, their fathers pronounced an impossibility.

Advocates of the Copernican globular theory say that the world is a sphere, 25,000 miles in circumference. For purposes of argument let us assume this statement to be correct.

If the earth is a globe, every point on the surface must be on an arc of that sphere. From any particular point the earth has a definite declination, from the tangent to that point. By simple mathematics this declination amounts to 8 inches at the end of the first mile, 32 inches at the end of the second, 72 inches at the end of the third, 266 feet at the end of the twentieth mile, and so on.

Just beyond the last flag, another flag, three feet square, was placed on a post with its top just eight feet from the water. A line was then sighted along the first flag, and the line of sight coincided with each of the succeeding flags.

Let us consider the matter of the horizon. If the world is a sphere, a man looking from the third story window of a house by the ocean should be able to see the horizon at a greater distance than a man on the first floor.

Next we shall consider the possibility of the earth's having axial or orbital motion. Let us assume a ship is sailing at a uniform speed in a straight line.

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(To be continued)

St. JAMES

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Communications

To the Editor of THE TECH, Dear Sir:

My attitude toward final examinations was somewhat exaggerated in your editorial of December 17th by the omission of one word. In the interview I said "many final examinations are educational atrocities."

In other words my aversion for final examinations is not so complete as the reader of the editorial might assume. In some courses it is probable that a final examination is necessary for a proper grading of the students.

I am nevertheless convinced that as a factor in the educational process the final examination is not to be compared to a systematic plan of continuous study and review. Education is not a hundred-yard dash—it's a marathon.

Very sincerely yours, R. G. Hudson.

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This cold wave is what the hockey team has been wishing for as a Christmas present. The last few days were cold enough to put any rink in condition and now the boys may do a little practicing in their own balliwick behind building 10. This will give them a chance to get some extended practice unhampered by the time limit that they work under at the Arena.

Dress Clothes Renting



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Soccer Team Victorious in Many Hard Fought Contests During Past Season

Considered as a whole the results of the Technology soccer season were most gratifying, winning four games out of a total of seven while matched against some of the strongest soccer teams of the East. The Beaver team consisted of a group of individual stars many times demonstrating their ability in clever pass work and dribbling; but never brought the team play up to high efficiency until along the last of the season.

At the opening of the term the team started practice on the Tech field, and by the 11th of October were ready to meet their first opponents, Worcester Tech. From the very opening of the game the Engineer booters showed their superior skill in pass work and dribbling which so strongly characterized the season. Throughout the entire game the ball hovered around the Worcester goal posts, and only on rare occasions did their opponents succeed in rushing it down the field; and

On the whole this game showed some of the best passing and dribbling of the season. It was a pretty sight to see the way in which Ruiz and Bateman, ably supported by the rest of the team, guided the elusive sphere among their opponents; also Young and Sun gave an excellent exhibition of their ability to place long distance kicks just where they wanted to.

Meet Harvard on Tech Field
Harvard showed up at the Tech field the following Wednesday afternoon and, judging by the crowd that turned out, many of the men must have cut classes in order to see the game.

Many offside combined with hard luck brought defeat down upon the Engineer team for the second time. It was evident from the start that the Technology eleven was superior to the Crimson team, as they were able to keep the ball around the Harvard end of the field most of the game; but quick rushed down the field in unguarded

but was not well supported by the rest of his team-mates. However, it was a well played and hard fought game and the Engineers did the best they could, but were unable to break their streak of hard luck.

Northeastern Easily Downed
Northeastern University was met and easily overcome on the Tech field on the 18th of November. In this game the Technology booters piled up a high score and took things easy for the rest of the game. Nearly everyone had a chance at scoring, and a great many attempts were made that did not register. Northeastern had a decidedly poorer team than usual, and it is a wonder that the Beavers didn't pile up more points than they did.

After a two weeks rest, interspersed with practice three times a week, the Technology team faced West Point for the concluding game of the soccer season.

There is no doubt but what the Cadets put out a stronger and better trained team than the Beavers had yet faced. Fighting on a dark slippery field the Engineers gave an excellent account of themselves as they bowed under a 2-1 defeat. The condition of the field made any semblance of efficient teamwork almost an impossibility for

(Continued on Page 4)

New Shell Will Be Here Before First of April

Many Improvements To Be Seen Around The Boathouse

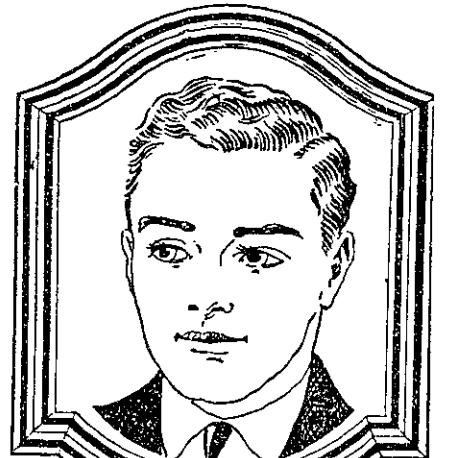
Winter months may mean hard work to the oarsmen that have to practice on the machines at the boathouse every night, but when the warm weather finally arrives, the men have a great deal to which they can look forward. By this time they will be in fit condition to go out on the river, and also the new shell will be ready to take its first trip on the Charles. According to Bill Haines, the committee has finally decided to have the shell made by the Simm's Company and as a result of this decision the new "Avery H. Stanton" will reach the boathouse before April 1.

The first possible race in the new shell is with the Navy, but in all probabilities Bill will not take it to Annapolis. At the present time the matter is undecided. In previous years the Technology crews have used a shell belonging to the Navy, and perhaps they will do the same this year. If this is so, the Varsity will first use it in the race with Cornell on May 9. This race is scheduled on the Charles River and will therefore not necessitate the shipping of the new shell.

When the crews hibernated a few weeks before the close of the term, there were two launches being used for coach-

ing purposes. Both of these motor boats were in fairly poor condition. By the time that the ice is off the river, there will be three launches all ready to accompany the various crews that go out. During the winter the motors are being repaired and many new improvement will be seen before the beginning of Spring.

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The Beaver Soccer Team

then only to be stopped by Captain Sun or Charlie Young, who would send the sphere sailing way past center field. Ruiz was undoubtedly the star of the game pulling off some clever headwork, and a master in the art of dribbling. The Beavers easily defeated Worcester by the score of 2-1, but the score doesn't show in any way the real progress of the game.

Clark College Second Victim
Clark College was the next victim of the Engineers team being completely shut out by the Institute players. It was an exceptionally warm and windy day and the game on the whole was colorless and comparatively slow; but there was never any doubt but what the Engineer team was entirely superior to the College players.

Being able to hold their own, so early in the season and with so little practice gave bright prospects for the remainder of the season, but they were due for a surprise when they met the Green players in their third match a week later.

On the afternoon of the Dartmouth game the Beavers seemed to have an off day which comes to every team once in awhile. At the very start they were facing a stronger and more experienced group than they had yet come up against; and their short period of practice told heavily upon them. The Beavers were shut out, but held their opponents down to a single goal. Many attempts to score were made without any result; the efficient teamwork and goal guarding of the Green team upset the Engineers completely, and they bit the dust fighting hard.

Amherst Game Well Played
Next week however, the Technology soccer team staged a brilliant comeback when they met Amherst on the College field. The game provided plenty of thrill for the onlookers, and showed the real strength and fight of the Beaver eleven. The first goal was made by the Cardinal and Gray team, but the score was soon tied by a deft pass. Then another tally was recorded in favor of the Tech booters only to be shortly tied by the Amherst players. A third shot was scored by the Engineers, and this was also tied the same as the others; so as the end of the second half approached it began to look as though the game was going to end in a draw. A quick run down the field interspersed with clever passing and dribbling brought the Beavers the needed point to win the game during the last five minutes of play.

Early in the Amherst game Cheney received a blow on the head in an attempt to block a goal by falling on the ball, which he usually does whenever things get too hot to be taken care of by other methods, and this blow undoubtedly accounted for the comparative ease with which the Amherst players succeeded in tying the score. Glen Bateman also brought away a souvenir of the game in the way of an injured knee.

moments brought victory to their opponents. Many attempts to score were made by the Engineers, and it was just a case of hard luck that some of them didn't get through. The passing was pretty good, and the dribbling of Hsin proved one of the features of the game. Glen Bateman made some pretty plays, but was unable to carry them to completion as he was still lame from the injury he received in the Amherst game. Ruiz also starred, but not as brilliantly as usual; Arana showed his usual speed and alertness,

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**SOCCER TEAM FINISHES
A SUCCESSFUL SEASON**

(Continued from Page 3)

both teams. Nevertheless, at the end of the first half, bets were being placed on the Technology team; but along the latter part of the second half, the score still tide, it became so dark that it was almost impossible to distinguish the ball from a players head; and it was during those final five minutes that West Point scored their winning shot.

Facing an entirely superior team the Engineers gave a splendid and commendable account of themselves, and deserve considerable credit for holding the Cadets to such a low score.

This last season compares most favorably with other soccer years at the Institute, and was in every way a decided success. More than the usual number of teams were encountered and in every game the players gave worthy accounts of themselves. The sport attracted an unusually large number of foreign students to participate in a game they enjoy more than any other.

**NUMEROUS FEATURES IN
ANNUAL ALUMNI AFFAIR**

(Continued from Page 1)

Professor Emeritus R. H. Richards '68, known to thousands of Technology men as "Bobby," and secretary of the first class that graduated from the Institute, has written to the Alumni Secretary that he expects to come up to Boston from Warrenton, Virginia, for the banquet, and thus maintain his well-nigh perfect record of attendance.

At last year's banquet the great mural painting by E. H. Bashfield '69, was unveiled by the son of late President MacLaurin of Technology, Collins MacLaurin. The banquet was attended by 560 graduates of the Institute.

Following are the names of the members of the Committee on Assemblies, who are in charge of the banquet: H. P. Eddy, Jr., '17, Chairman, W. C. Brackett '95, F. A. Bourne '95, E. L. Moreland '07, O. B. Dennison '11.

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AT THE PLAYHOUSES

**GOOD MUSICAL COMEDY
SHOWN AT ST. JAMES**

In accordance with their custom the Boston Stock Company is presenting their annual musical comedy at the St. James this week. "Oh Boy" is quite different to the usual comedy drama, and is presented in a very pleasing manner. Adrian Perrin of the Ziegfeld Follies, who assisted Director Samuel Godfrey in staging the production, has succeeded in getting together a very attractive singing and dancing chorus. Miss Clark and Miss Laloz are especially good at playing the part of chorus girls.

The leading roles are taken by Elsie Hitz and Bernard Nedell, while Houston Richards undertakes the comedy role of Jim Marvin, "The Abbreviated Boy." The latter is exceedingly clever and manages to get many laughs from the audience. The entire comedy, being quite the opposite to the usual style of play, proves the versatility on the parts of all the members of the cast.

Jerome Kern wrote the music for the play, and the lyrics were written by P. G. Woodhouse. "Oh Boy" was one of the Princess Theatre successes, the book having been written by Guy Bolton.

D. A. D.

**BOSTON STAGE SOCIETY
PLAYS DON JUAN**

Few persons are acquainted with the Boston Stage Society, an amateur theatrical organization that has made its appearance on Joy Street, Beacon Hill. The backers describe it as a theatrical laboratory dedicated to the development of new forms of dramatic expression.

"Don Juan," by Rostand, was the experiment conducted last week in a most successful manner. It is a play that gives Don Juan a new interpretation—shows him as a pitiful parasite that sucked his spiritual substance from the heart of his many loves—his many paramours. Rostand has the devil strip the romantic rascal of all his traits, has the phantoms of his many loves to tantalize him, and reduce him to a woe-filled character grasping at the last straws of his much touted personality.

The Stage Society visited a surprisingly good interpretation upon this French play. The stage setting had elements of beauty and of course was thoroughly simple. The presentation of the parts was marked by the quiet intimacy and realism observed throughout.

Those who have not visited The Barn—the Society presents its plays in an old barn that retains many vestiges of its first use—should do so. It will be a glimpse into a real Bohemian spot where some really valuable work is being done to further the cause of dramaturgy in its highest and purest form. Admittance is by invitations only, but it is an easy matter to get in touch with one of the members. In New York it has its prototype in the well known Provincetown Players. The two organizations are comparable in purpose and spirit.

**FUTURE MILLIONAIRES
PLEDGE TEN THOUSAND**

At a meeting of the Vant Sank, a Senior society organized to increase college spirit and formerly known as the M. A. S., a solemn pledge was taken by the members that after graduation the first member earning \$1,000,000 would give ten thousand dollars to Stevens.

It is not expected that the pledge will decrease the number of millionaires.

—The Stevens Tech

Notices and Announcements

UNDERGRADUATE

SCABBARD AND BLADE ELECTS

At a recent meeting of the Technology chapter of Scabbard and Blade, honorary National Military Fraternity, the following cadet officers in the R. O. T. C. were elected:

Captains F. C. Hastings, '25, R. N. Oakley, Unclassified, First Lieutenants J. H. Rountree '25, G. W. McDuff '25, Glennon Gilroy '25, Second Lieutenants E. C. Jones '26, W. P. Lowell '26, W. W. Peterson '26.

ITALIAN

Will those interested in petitioning for a new course in the Italian language please drop their names and addresses in Box 272 main lobby.



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CHLORINE APPARATUS

The chlorine apparatus to combat colds was turned over to the Department of Biology to be tested out. It is desired to have more data before using it in the clinic.

EX-SERVICE MEN

Ex-service men in the Institute who have not as yet put in application for adjusted compensation may obtain blanks from the T. C. A. office.

TIME TABLES

The information Division of the T. C. A. states that it has procured time tables giving time of departure of all trains from Boston. These time tables may be consulted at the T. C. A. office.

FRESHMAN BASKETBALL

Freshman competition for Basketball manager will be reopened the first of the year.

TECHNIQUE

All men who have had their photograph taken for Technique must designate at once which proof they wish to have used, or Technique will make the choice itself.

LOWELL INSTITUTE

A series of eight public lectures will be given by the Lowell Institute in January, beginning January 5, on the evolution of the earth's surface. Tickets may be obtained free of charge from the Curator of the Lowell Institute.

**INTERCOLLEGIATE BALL
HELD ON DECEMBER 26**

The Third Annual Intercollegiate Ball is one of the stellar attractions for the college men spending Christmas in or about New York. As is the custom, the Ball will be held on the first Friday after Christmas, which, this year, falls on December 26th. The popularity of the Ball has been so great for the last two years that it was very necessary that the large attendance be taken into account. For this reason the newly decorated Roof Garden of the Waldorf-Astoria has been chosen by the committee as the most suitable scene for the function. The ball room is very spacious, and consequently the floor will not be crowded, nor will there be any trouble in obtaining tickets at the door.

There will be continuous music from 9:30 until 3:30, supplied by Carl Fenton and his twelve piece orchestra, alternating with Jimmie Clark's twelve piece Knickerbocker Serenaders. There will be only one intermission which will be about twelve-thirty. The purpose of this intermission will be to provide special entertainment, for which arrangements are being made. Besides several features which will please and entertain the guests, the committee hopes that they will be able to have Mr. Will Rogers entertain for a few minutes with his famous and well-worth hearing yarns.

**LOWELL INSTITUTE TO
GIVE PUBLIC LECTURES**

**Former Technology Professor
To Speak on Geology**

Professor R. A. Daly, Chairman of the Department of Geology and Geography at Harvard University, and former Professor of Geology at Technology, will give a lecture on "Our Mobile Earth" in Huntington Hall, Boylston Street, at eight o'clock the evening of January 5.

The lecture is the first of a series of eight public lectures to be given under the auspices of the Lowell Institute during the month of January on the evolution of the earth's surface and seismology, the science dealing with the causes of earthquakes and their effects on the distortion and warping of the surface of the earth.

Tickets to any of these lectures may be secured, free of charge, by applying by mail to the Curator of the Lowell Institute, 491 Boylston Street, and enclosing a stamped, addressed envelope for each ticket desired.

**CHICAGO ALUMNI MEET
TO REORGANIZE CLUB**

A meeting of officers and other interested in the Tech Club of Chicago was held last November for the purpose of creating greater interest in the Club and to consider how it might be made of greater service to the Technology men in Chicago. Now a second meeting has been held to further discuss ways and means of making the Club a more active organization and of bringing it up to the position it should have, considering the large number of Tech men in Chicago.

The officers of the Club are: Pres., H. C. Blake '06; Vice-pres., F. D. Chase '00; Treas., L. W. Millar '02; Sec., C. C. Bray '20; Registrar, J. M. Frank '07. The following constitute a Board of Directors appointed by the President of the Club: F. D. Chase '00, P. W. Moore '01, H. Lockett '10, C. R. Baldrige '21, W. C. McDonald '16, E. N. Gelotte '23, L. W. Millar '02, and H. W. Kern '90.

**ORGANIC CHEMISTS TO
HOLD PRIZE CONTEST**

Two prizes will be awarded to the winners of the contest this is being held by the Organic Chemists in course 5.512, for the best sets of four tetrahedral carbon models. The contest is not optional, however, for every student in the course is compelled to make the models as the knowledge that the student must know in order to put these models together is of prime importance in successfully passing the course. In fact these models give the instructors of the course first hand information on how the student is grasping the atomic theory of substitution.

All models should be provided with detachable portions so that substitution will be clearly illustrated. Means must also be provided for connecting two or more models by single and double bond linkage. There is no requirement on the material used in making the models and in former years students attempted to see who could make the models out of the most original substances. Gum drops, hairpins, glass tubing, rubber, wire and cork have all been used in former years.

The contest will close at noon on January 19 and prizes will be awarded to the winners shortly after. Professor Keyes will act as chairman of the committee that will determine the winner and will be aided by other members of the department of Chemistry not connected with the course.

A high school football game in southern California recently drew a crowd of 58,000 people—a greater number than ever attended a Princeton-Harvard contest. This is believed to be the largest gathering that was ever present at a high school game, and remarkably illustrates the recent growth of football in popularity.

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