

FIRST MEETING OF ADVISORY COUNCIL AND A. A. IS HELD

Officers Plead for Adherence To Letter of Rules for Eligibility

MEDICAL EXAM STRESSED Crew and Tennis Tournament Have Greatest Number of Men at Present

Eligibility, and the rules of courtesy, were stressed principally in the talks given by Dr. J. D. Rockwell '96, H. E. Worcester '97 and Dr. A. W. Rowe '01, president, vice-president, and secretary, respectively, of the Advisory Council on Athletics at a meeting in the Faculty dining room of Walker yesterday. This meeting was the first combined meeting of the Advisory Council and the M. I. T. A. A. Professor H. E. Lobdell '17 assistant dean, assured the gathering of the support of the official Institute.

Not Enough Crew Equipment

After the meeting had been called to order by Dr. Rockwell, the managers, coaches and captains of the various sports at Technology reported conditions and future prospects. With 88 freshmen out for crew, Coach Bill Haines is wondering what to do with them all and put in a plea for more equipment.

Due to several misfortunes last year with the launches and two of the shells, the boathouse has been needful of equipment and this the Council promised to do what it could. Another launch will be rented and the two which are now out of condition will be put in shape as soon as possible.

Fencing Coach Out

Captain George Leness of the Track team and Coach Hedlund reported for track with a most optimistic outlook for the year. Two large meets are scheduled for the year on the home grounds, with Cornell and Harvard, and a meet with Princeton at Princeton imminent. Track at the Institute has advanced up the collegiate ladder a number of rungs in the last few years, and Captain Leness is anxious to help it up further.

Tennis at present for the team is dull, but with 110 men signed up for the tournament to be run off in the next few weeks, Captain Russell's successors expect to come through with flying colors.

It was reported that the fencing coach had left the services of the Institute team and that a new man would of necessity have to be secured. Dr. Rowe asked that the manager of the sport confer with the Council before securing a man. The hockey team this year will continue with the system last year of using the arena and with the success of the team in defeating Cornell on its own rink, the whole team is very confident of success.

Soccer is still facing the problem of inadequate space for practicing. The problem has been somewhat solved by the arrangement with the foot-

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NEW OPTION IN VI-A OFFERS WIDE FIELD

Communications Course Not Highly Specialized

Students entering the new Communications Option in Course VI-A are not choosing a narrow professional field as might be thought, according to Professor W. H. Timble of the Electrical Engineering Department who is in charge of the course.

The Communications Option or Option 3 of Course VI-A has been in preparation for two years and is to be carried on in co-operation with the American Telephone and Telegraph Company. Work in this company covers a large and varied field including the manufacture, development, and maintenance of the equipment necessary to operate twelve million of the fourteen million telephones in the United States.

Long distance service over its own lines, which reach into Canada, Mexico and Cuba, is furnished as well by the Bell System through its 25 associated companies. Thus men entering this option are enabled to study closely the development, research, and operating engineering carried on by these associated companies as well as legal matters, accounting, finance and administration.

VOO DOO BEGINS YEAR WITH "OCCULT" ISSUE

Voo Doo's first appearance this year will be the Occult Number which will be for sale tomorrow morning. This is the first serious attempt by any comic except the journal of the American Society of Psychic Research to bring occultism to the public. The cover is by Horkamp and preserves Voo Doo's customary nature as a comic, but the remainder of the issue is an earnest attempt to shed some light on a much avoided subject and popularize the Psychic, according to the Board.

Several famous mediums and experts on this subject have assisted in this issue. A woman medium from Philadelphia has contributed some valuable photographs and there are some authentic accounts of seances. The issue is entirely illustrated in half tones and contains many remarkable spirit pictures.

RADIO SOCIETY TO BEGIN OPERATIONS

Will Hold First Meeting on Oct. 13—Two New Transmitters Being Tested

1XM, the radio station of the M. I. T. Radio Society went on the air with tests on 12 meters Saturday for the first time this year. Activities of the society officially open, however, with the first meeting scheduled tentatively for October 13. New officers will be elected and arrangements made for operating the station on a regular schedule.

Classes in commercial code and theory will be started soon under the direction of the society, and a class in amateur code will be organized if there are enough interested. C. W. Rados '27 will probably act as instructor in the commercial class.

Two new transmitters, the one a 100 watt panel type for use on 40 and 80 meters and the other an experimental 5 watt set which can be used on any wave between 20 and 150 meters, have been added to the station's equipment. The two receivers just completed cover all the amateur wavelengths. A quartz crystal has been secured from the General Radio Company for experimental work on the crystal as a frequency standard.

The station, located on the third floor of the Foundry (Building 35) was completely rewired during the summer. Last year 1XM worked England, France and all districts in the United States, and was heard in New Zealand and every country in Europe that had amateur stations. Men interested in the work of the society may apply for membership at the first meeting.

TECHNOLOGY MEN SEE HUGE SHIP LAUNCHED

Lexington, Airplane Carrier, Longest Naval Vessel

Fifteen members of the Naval Architectural Society were present at the launching of the airplane carrier U. S. S. Lexington, at the Fore River Plant of the Bethlehem Shipbuilding Corporation Saturday morning. The Lexington is the longest naval vessel ever built and the largest ship of any description ever constructed in the United States.

The ship started down the ways at 11:15 after having been christened by Mrs. Theodore D. Robinson, wife of the Assistant Secretary of the Navy. Considerable difficulty was anticipated in launching a 27,000 ton ship in a narrow channel, but the solution of the problem made by Professor H. H. W. Keith '05 worked out in a satisfactory manner. Two methods were used to check the ship's motion. First, resistance was offered to her passage through the water by a screen built across the stern and by the four propellers which were locked to prevent their turning. Second, 1400 tons of heavy chain cable arranged in 20 piles, 10 on each side of the vessel, were successively turned over and dragged along the ground by eight inch steel wire cables attached to the ship. The ways did not even smoke, so well were they protected with grease although the pressure intensity was over 2½ tons per square foot.

Seventeen tugs took the huge vessel in charge, swung it around and pushed it into the yard's wet dock where a year will be required for its completion.

DECREASE SHOWN IN REGISTRATION NUMBER FOR 1925

Electrical Engineering Still in Lead in Total Number Of Students

MORE GRADUATES HERE

Technology Ranks Fourth Among Colleges Situated In Greater Boston

Final registration figures released by the Registrar Saturday show a total of 2753 students enrolled, 169 less than last year. This falling off is not considered serious, since the present Institute buildings were designed to accommodate about 2500 students.

As has been usual in the past few years, Course VI with 704 students leads in enrollment. Course II is now in second place with a total of 371, while Course XV has correspondingly dropped back to third place with 364 students. The totals for the other courses are as follows. Course I, 294; X, 286; IV, 217; V, 108; IX, 100; III, 69; XIV, 57; XIII, 55; VII, 36; VIII, 19; XII, 17; XI, 14; Aeronautical Engineering, 13; and Gas and Fuel Engineering, 2.

The increasing popularity of the Electrical Engineering course may be seen from the fact that this department registers an increase of 30 men over last year's number. The other courses which show an increase are Course IV, 26 men more than last year; and Courses VII and XI with two more each. All other courses, with the exception of Physics and Aeronautical Engineering, show a loss. This does not include Gas and Fuel Engineering, which is being given this year for the first time.

Freshman Class Smallest

That the Institute Graduate courses are becoming increasingly attractive to advanced students is demonstrated by the fact that there are 42 more men enrolled in the various branches of graduate work than there were one year ago. Almost one-third of the 319 Graduates are studying Electrical Engineering.

Although in most colleges the freshman class is the largest, at Technology the incoming class occupies its customary place as the smallest undergraduate group. This is, of course, due to the large number of transfers from other colleges, whose entrance after the first year more than offsets the reduction occasioned by Faculty votes. The order of size this year is as follows: Seniors, largest; Juniors, Sophomores, freshmen, Graduates. Last year the order was Juniors, Seniors, Sophomores, freshmen, Graduates.

Enrollment Dropping

Of the Greater Boston educational institutions Technology now ranks fourth, according to latest estimates as to probable registration. Boston University leads with approximately 10,000 students; Harvard is next with about 7400; and Northeastern third with 3000. Following M. I. T. come Tufts, with about 2200, and Boston College with 1100 enrolled. Wellesley leads the list of women's colleges with 1600 students, followed by Simmons and Radcliffe with enrollments of 1350 and 900, respectively.

The decrease in registration at Technology is seen only as a normal aftermath of the war period, when at one time the registration reached a total of 3500. In the first school year during which the Institute occupied the Cambridge buildings there were about 1850 enrolled. This increased until the war, since when there has been a general downward trend.

BUSINESS OF "COOP" EQUALS LAST YEAR'S

Business done at the "Co-op" so far this term is little different than it has been during the first week of school in past years. It is too early to obtain actual comparative figures, but it appears that the amount of business will run at least as high as last year, despite the decrease in registration. So far, 2485 students have joined the Co-op, which is a good percentage for the first week, and it is expected that many more will sign up this week.

The date set for delivery of dividend checks is Monday, Oct. 19. All students will be able to obtain their dividends for the past year from this date on, and will be able to cash them immediately if they so desire.

PLENTY OF ENTERTAINMENT PLANNED FRIDAY EVENING AT ALL-TECHNOLOGY SMOKER

TREASURER OF T.C.A. OFFERS RESIGNATION

Resignation of J. S. Moon '26 Accepted by Committee

At the first meeting of the Executive Committee of the T. C. A. Friday afternoon the resignation of J. S. Moon '26, Treasurer of the association, was read. It was decided that his successor should be elected at the first regular cabinet meeting, to be held during the annual setting up conference, October 17-18. Those present at the meeting included J. H. Wills '26, president; R. W. Head '26, cabinet representative; and secretaries W. M. Ross and C. C. Shotts.

The work of the association to date was reviewed and it was decided that between now and the setting up conference departmental meetings should be held. The first deputation work of the year took place Friday morning when W. M. Ross, secretary of the T. C. A. spoke at an assembly of the Wellesley High School on "The Importance of a High School and College Education."

FEWER STUDENTS PAY \$5 PENALTY

Undergraduates Reluctant to Incur Penalty For Late Registration

Fines for late registration which have been a considerable source of revenue in past years, are falling off gradually and this year have been the smallest in years. Not only will the two term system schedule cut receipts down to two-thirds, but, according to Bursar H. S. Ford, the students seem to be showing considerable improvement in the matter of registering on time.

Last week approximately \$700 was collected at the Bursar's office, while the third term last year saw \$1200 collected for the one offence of late registration alone. This is a decrease of nearly one-half.

This however, when considering the total number of fines collected for the year, may be a false assumption, for when the fines, for the past two years are inspected it is seen that the second and third terms always show an increased fine revenue due to the reluctance of the students to break away from their vacations.

Last year after the Christmas holidays, there was an increase of over 60% in the fines collected after that vacation period. This year, while no nationally recognized holiday period comes at the end of the first term, there will probably be an increase in the number of delinquents over this term.

WAYBURN DIRECTS CORNELL'S '26 SHOW

Was Coach of Tech Show 1925 "Duchess of Broadway"

Ned Wayburn, coach of last year's Tech Show, will direct Cornell's 1926 Junior Week show according to Masque, the student organization which controls the University's dramatics. Professor George Fraser of the Cornell Faculty was formerly director of the production but resigned in order to go to Rome to study architecture.

It is planned to stage a more elaborate show this year and trials have already been held, although Mr. Wayburn has not yet selected either his cast or chorus.

Penn State Thespians had also planned to put a Ned Wayburn production the boards this winter but were unable to secure the noted dancing master as coach. This has resulted in changing the dates and routing of the play.

ANNUAL RALLY TO BE FREE TO ALL UNDERGRADUATES

Jazz Band, Movies, Profes- sional Entertainers Are Promised

DINNER FOR NEW MEN

First class entertainment will be the main part of the program at the tenth annual All Technology Smoker to be held Friday evening in Walker Memorial. Every student at the Institute is invited to attend, and the Committee in charge emphasizes the fact that everything is free.

Inasmuch as Tech Night has been abolished, the affair furnishes one of the few opportunities for the student body to get together and develop some spirit. Because of the fact that it takes place so early in the school year, it gives the freshmen their first chance to become better acquainted with each other and with the Institute's activities.

The Committee announces that their plans are rapidly rounding into shape, and M. M. Greer '26, Chairman, states that every man is working hard to make this year's smoker the best all-around evening's entertainment ever offered to the student body.

Freshman Dinner Only

As an innovation this year, a special dinner will be served to the freshmen and new students, only. Since the primary purpose of the gathering is to arouse the spirit of the new men at Technology, the Committee feels that this can be best achieved by getting them together alone for their dinner. Contrary to the custom of previous years, when the men were served with hot wieners, salad, and ice cream, the menu for all the new men calls for a special roast chicken dinner, including cranberry sauce and all the trimmings. Smokes will be freely distributed to all at the gathering.

Tickets for the dinner will be distributed free to the freshmen in the Chemistry lecture sections in a day or two. Tickets for all other new men at the Institute will be given out in the Main Lobby during the latter part of the week.

Following the dinner, the new men only will hear a few words from each of several speakers on the functions of the various activities. The Committee wishes to stress the fact that the talks will be very brief and snappy, and will not take up more than a few minutes. The men will then be invited to visit any of the activity offices, all of which will be open at

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NEW DRY OFFICER IS NOT INSTITUTE MAN

Dr. R. L. Emerson, whose appointment as First Assistant Prohibition Administrator of this district to assist Captain G. A. Parker was announced last week, never held any official position with Technology as reported in the metropolitan newspapers. Several years ago, he did assist Professor S. W. Prescott '94, head of the Department of Biology, in his investigation of the effects of coffee upon the human body.

He was graduated from Harvard in the class of '94 and took his PhD from the Medical School four years later. He has done considerable work for the U. S. Department of Agriculture in the study of foods.

CALENDAR

Thursday, October 8
5:00—Institute Committee meeting, Faculty Room, Walker.
Friday, October 9
6:00—All Technology Smoker, Main Hall, Walker.

A Record of Continuous News Service for 44 Years



Official News Organ of Undergraduates of Technology

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THE BOOK REVIEW COLUMN

FOR several years past the importance of cultural work in the engineer's undergraduate days has been more and more emphasized. The opinion of engineers and educators seems to be that the more "broadening" subjects given a man, the fuller and better man he will be professionally and otherwise. To this opinion the Institute has responded with an increasing number of General Studies. Whether it is because of the above, often expressed, opinion, because of the impetus given by the General Studies, or for some other reason we do not know but it seems to us that in the past few years the undergraduate body has shown a markedly increased interest in literature.

The most obvious case of this increased interest was the regular reading meeting held in Walker last year, which is to be continued, we believe, this year. Aside from this group of enthusiasts, however, who seem to stick to the more firmly established men of letters, we have noticed that more fiction is visible about the various rooming houses than seemed to be the case in our freshman year. Men seem to be waking up to the fact that books may contain much of enjoyment as well as solid facts.

With this in view we have instituted our book review column. In it we hope each week to point out books which may prove enjoyable to our readers. Our books for review will be picked for their probable entertainment value and this value will be reported on. Our reviewers will attempt to criticize a book from a literary standpoint only so far as they feel capable and so far as they feel it necessary.

We believe that we can render a service to the undergraduate reader because we can keep in closer touch with the publishers than could individuals. We believe that our reviewers can make a better appraisal of a book than most Institute men can, because they are better read both in current fiction and in our basic English literature. We hope to fill what we believe to be a very real need at the Institute.

THE TECHNOLOGY SMOKER

THE stage is rapidly being set for the All Technology Smoker. A good live committee is putting its best into the preparations to make this Smoker one of the best Technology has ever seen. The Smoker was originated for the purpose of getting the Freshmen acquainted with everyone around the Institute, and to weld the bonds which make Technology more than a collection of classes. Keeping these views in mind the committee this year has plans for several innovations which should do much to forward the cause. History has proved that enthusiastic class spirit is not fostered by a number of lengthy speeches of warning advice, and exhortation. It is a few minutes of good-fellowship that does far more for class spirit than any number of long-winded speakers. The All Technology Reunion last June set the precedent for more entertainment and less speech-making, and the committee has shown good judgment in following the example. Meanwhile we can all help the All Technology Smoker by talking it up.

FOLLOWING TECHNOLOGY'S EXAMPLE

YALE is about to consider student action toward abolition of the annual Freshman Rush. The Rush is, in effect, an attempt by the Sophomores to demonstrate by force their superiority over the newcomers. It has been forbidden by faculty edict, but the regulation cannot be enforced at present.

In taking action now, the student body of Yale is just about twenty years behind that of the Institute. After several serious accidents in the cane rushes which were once a part of the initiation of Technology freshmen, matters were brought to a head by the death of one of the participants. Student opinion instantly crystallized, and with practically complete unanimity it was decided that the cane rushes would in the future be replaced by a series of athletic contests between the classes—the beginning of our institution of Field Day.

Every now and then a voice is raised against Field Day and its opponents point to the example of other colleges as an argument that rushes and their accompaniments promote class spirit and college loyalty. The best answer to such arguments is that more and more colleges are abolishing such customs, trailing in Technology's footsteps.

It is sincerely to be hoped that Yale will be successful in this move to rid itself of so undesirable a tradition. The attempt will be followed with sympathy by those colleges whose example she is following.

THE TECH BOOK LIST

MURDER AND DRUGS

DR. RICARDO, a mystery novel, by William Garrett, New York: D. Appleton and Co. \$2.00.

American popular magazines have made the detective story commonplace since Poe and Doyle developed it. Its commonplaceness, however, has done nothing to detract from the fascination of this kind of tale. A mystery to be solved or a criminal to be tracked offers a challenge to the mind, an adventure into deductive reasoning, that both stimulates and entertains.

William Garrett in *Dr. Ricardo* has achieved a synthesis of the elements of such stories. In this one book he combines blackmail, murder, drug smuggling, and love. Mixed in somewhat equal proportions and well stirred these elements fuse into an entertaining, and sometimes, gripping plot.

The scene is England, the detective James Drew, is an American go-getter. In searching for papers used for blackmailing he discovers the strange combination of an eminent musician and an insidious criminal, Dr. Ricardo. The doctor heads an opium gang, he forces murder, etc. It is a story that must be read and not talked about. A bit of romantic folderol acts as a catalytic agent and is not too effusive to be insipid. If you have read and enjoyed Rohmer, Oppenheim, and Doyle you will find something of each of them in this book.

WHIMSICAL PLAYS

ONE ACT PLAYS, a collection. New York: Doubleday, Page & Co. \$1.50.

The editors of the Ladies' Home Journal have here collected five short plays which this reviewer found very pleasant. They lacked altogether the domestic flavor which he was looking forward to with a wry mouth. In none of the plays is there a cook stove or a cook book; in fact there is nothing in the volume by which it might contaminate a Tech man with the unwelcome influence of effeminacy.

With the intention of issuing a book for amateur actors, the editors have put forth some excellent reading matter. The plays furnished are ideal for reading in that empty hour between the last class and supertime. They are all genteelly amusing. Their mild humor will be appreciated over a well-caked pipe and if at times the authors try sarcasm they are never venomous.

The first play in the volume is *Evening Dress Indispensible* by Roland Pertwee. Its young heroine has tired of wordy things and has gone in for the "Greenwich Village Staff." The action is concerned with the efforts of her sweetheart, her widow mother and her widow mother's suitor to change her mind for her. Of course they succeed but not without an amusing effort.

Freeman Tilden contributes next. His *Enter Dora—Exit Dad* deals with woman in politics. His woman is eminently successful and proceeds to exit Dad. At the end of this play William Hodge gives brief directions for its presentation by amateurs.

Roland Pertwee, for some reason is represented twice. His *The Loveliest Thing* is third in the book. This is the only selection given which has any pathos in it. The loveliest thing is the Christmas Spirit. Holly and Mistletoe have speaking parts; there is a husband and wife misunderstanding and an Uninvited Guest; which sounds terrible but really isn't.

A. A. Milne gives us a little sketch *The Man in the Bowler Hat*. It has deep mystery, mock suspense, and pistols to bang-bang. It also has a man-is-man hero and a pure-as-snow heroine and turns out in the end to be a play rehearsal. Which is just as well, for logic is logic even in amateur theatricals.

Booth Tarkington in *Bimbo, the Pirate* starts out by way of the argument with excerpts from various ancient documents which point out the staid and God-fearing life of the pirate. He then shows, in the play, what these merchant-like pirates were like. As the play ends Bimbo the pirate chief announces "I will now make a short address to the crew on the subject 'Duty.'" If you like felt-lined burlesque, you will enjoy this.

I should hate to see these plays put to the purpose intended for them. Amateur actors are bad in any case but they are least bad in "strong" plays. They can put across roaring drama or burlesque comedy if they can escape the ludicrous. I have yet, however, to find the amateur who can act whimsical other than by twisting one's ide of his mouth into a smile and leering with the other eye; and these plays are plays of whimsy. They seem written to be read and as reading can be recommended.

The Beaver, Model Yacht, Represents Technology in Races of Miniature Boats

The Beaver, a model yacht entered by the Naval Architecture department of the Institute, won the first prize in the class B model race, which was held last summer in the Charles River Basin. The races were under the auspices of the Union Boat Club of Boston and were held on July 9, 10 and 11th. The prize that the Beaver carried off is a set of carpenter's tools that was presented by the Stanley Tool Company. This prize represents a fine set of accurate tools that any model yacht builder would be pleased to have in his workshop.

Entries in the race were placed in four different classes; the first two classes being strictly limited to models constructed by boys. On the other hand, the two other classes were restricted to models constructed by older men. In this class the Beaver found its place to represent Technology at the regatta. The model was designed and each detail completely constructed at the Institute workshop last spring. R. H. Johnson '25 and Charles Moody '25 of the Naval Architectural department designed and constructed two models one smaller than the other, but of proportional dimensions. The two models were constructed as thesis work to determine the effect of the size of a model yacht upon its speed, provided both the models were sailed under the same conditions. George O'Hara, mastercraftsman of the workshop of the Naval Architectural department, was of great assistance in the construction of the models. The Beaver, the larger of the two models, was built throughout of mahogany and brass. It is 92 inches long with a water line of 62 inches; its full height standing on keel about 12 feet and it has a water displacement of 95 pounds.

The regatta attracted large crowds of spectators that rivaled those at the Triangular Crew Races last spring. The special party boats that are found at all the crew races were also cruising.

HARVARD MEN WORKING TO EARN THEIR MEALS

Material enlargement of the opportunity for students at Harvard to help pay their college expenses has been accomplished this year by employing student waiters in one of the freshman dormitories. Gore Hall will be only dormitory to employ students, and will serve as a testing place for the system. Under the new system about thirty men will have an opportunity to earn their meals by working three to four days a week waiting on table. They will be selected by a somewhat competitive method in which punctuality, efficiency, willingness and character will be factors in the choosing.

Student waiters were formerly employed in many of Harvard's dormitories but in recent years the undergraduates have been replaced by outside help which was thought to be somewhat more efficient.

Play Directory

- CASTLE SQUARE: "Able's Irish Rose."—Here after four years of popularity.
- COLONIAL: "Ziegfeld Follies."—Still revealing the American girl.
- COPLEY: "Right to Strike."—Discusses a doctor's duty.
- HOLLIS: "Young Woodley."—Premiere of a Welsh professor's maiden attempt at playwriting.
- MAJESTIC: "Rose Marie."—Continues to break records.
- PARK: "The Show Off."—Selling out every night.
- PLYMOUTH: "The Gorilla."—A thrill a minute.
- SHUBERT: "The Student Prince."—A wonderful show, wonderful music, and a wonderful chorus.
- TREMONT: "7th Heaven."—John Golden's classic.
- WILBUR: "What Price Glory."—Brutality tempered to Boston audiences.

THE OPEN FORUM

Contributions to this department are welcome and it is the desire of the Editor to give it a more extended scope. Communications must be signed or they will not be considered for publication and must be in the office of THE TECH by 4 P. M. preceding an issue. It is to be distinctly understood that what is printed here is not necessarily an expression of editorial opinion. Communications of an undesirable nature will not be printed.

To the Editor:

In the editorial entitled "Several Matters for Discussion" in THE TECH last Wednesday, there appears the statement that it is felt that the Junior Prom Committee erred in the selection of an orchestra. I wish to take this opportunity to show that the Committee acted with the best interest of the class and the financial success of the event in mind. The following are the orchestras and their bids to the Committee.

- Vincent Lopez\$1300.00
- ZeZ Confrey 1300.00
- Ray Miller 1300.00
- Ted Weems 700.00
- McNeilly 700.00
- Whitstein 675.00
- Morey Pearl 525.00
- Leo Reisman 500.00
- Bert Lowe 475.00

Whitstein's orchestra had been exceptionally successful at the Yale Prom and had acquired, after having played at several Junior Proms, an excellent reputation for this kind of work. The desire of the Committee was to get the best orchestra for the money regardless of whether it was from out of town, and it was felt that the orchestra engaged did give that on account of their reputation and the size of their bid.

(Signed) R. W. HEAD '26,

Chairman, Prom Committee '25.
Editor's Note: The idea that the choice of orchestras at last year's Prom was a detriment to putting over the affair to the students was voiced by a man who was on a former Prom Committee and who was closely acquainted with conditions last year. It is a reasonable contention that an orchestra which had played at a Dorm Dance would have little advertising value for a Junior Prom. An orchestra of some note, and there are orchestras of note other than those listed above, is a tremendous asset to the selling of a dance.

The idea, however, of mentioning this matter was not to be controversial, but to point out a possible improvement to this year's committee. It is a minor detail at that.

A general bracing up and speeding up is needed in all Technology social functions. Even the fraternity dances are plumbish and dead. The Dorm Dances are funeral assemblies

stripped of all the liveness and tenseness of funeral assemblies. It is hoped that the Junior Prom can be saved from the Sargasso sea of drab and colorless social functioning.

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STUDENT RATES

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E. W. Manning '26, Sec'y.

Rendezvous of Wandering Greeks

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"YOUNG WOODLEY," by John Van Drueten
Holiday Matinee Columbus Day

ENTRIES ANNOUNCED IN FALL TOURNAMENT

Largest Number in Recent Years to Fight For Annual Tennis Championship

With 110 men entered in the tennis tournament, the biggest field that ever entered this event will fight it out for a place in the finals. In order to make the draw come out even, over half of the players received a bye in the first round. With such an unwieldy entry list, the management intend to default a man if he does not play his scheduled matches promptly.

Most of the upper classmen are fairly well rated, so it can be fairly well predicted who will go the farthest in the tournament. It seems to be a fight between Hinck, Eddy, and Peterson, with Zuloaga as the dark horse. Little or nothing is known of the freshmen entries, so there may be a whole stable of dark horses among them. Perhaps one will blaze out like Hinck did in his freshman year and fight his way to the finals. The draw is as follows:

- Bye in First Round**
- E. Hinck '27, G. Palo '28, W. Kwok '27, Walsh '28, A. C. Pforzheimer '29, J. S. Offutt '26, R. Benson '28, A. O. Foale '29, A. S. Danagh '28, B. T. du Pont '27, P. Keough '29, W. Danziger '29.
- First Round**
- H. P. Ferguson '27 vs. J. S. Sullivan '29.
 - Olender '26 vs. H. C. Burt '26.
 - J. A. Murlin '26 vs. J. P. Pilkington '27.
 - A. W. French '26 vs. A. Kononoff '29.
 - J. K. McCaffee '26 vs. D. Glickson '26.
 - P. Keyser '19 vs. W. Reynolds '28.
 - C. E. McFarland '26 vs. R. Oppen '29.
 - E. Powley '29 vs. W. Doelge '26.
 - I. Silverman '28 vs. J. R. Schwank '27.
 - H. Heins '27 vs. C. W. Snow '27.
 - A. Wharton '28 vs. W. E. Dean '28.
 - J. L. Lewis '26 vs. F. E. Dams '29.
 - J. F. Guinan '28 vs. G. Gust '27.
 - J. E. Brooks '26 vs. A. E. Brand '27.
 - W. E. Peterson '26 vs. P. W. Robinson '26.
 - R. Mancha '26 vs. R. Hammar '26.
 - S. L. Kirloskar '26 vs. C. H. Hurkamp '27.
 - H. E. Nason '26 vs. W. G. Bowle '29.
 - E. D. Thomas '29 vs. L. T. Tufts '29.
 - E. Webber '29 vs. F. C. Lun '27.
- Bye in Second Round**
- E. W. Eddy '26, L. Siller '27, D. Y. Bradshaw '28, T. Kupi '28, F. L. Bray '29, W. H. Latham '26, J. White 'G., W. J. Walsh '28, T. J. Ewald '29.
- Second Round**
- C. F. Theisen '26 vs. T. Allenoff '29.
 - O. M. Lasser '28 vs. T. Casselman '27.
 - A. W. Rideout '28 vs. Albert Elzenbrok '29.
 - C. E. Hemminger G. vs. C. S. Hope '26.
 - E. W. Hatline '29 vs. K. S. Dingle '29.
 - J. Happell '29 vs. H. L. Hibbard '27.
 - R. H. Shepp '29 vs. G. Mathby '28.
 - G. Zuloaga '28 vs. R. Davidson '27.
 - J. T. Biehle '26 vs. O. P. Pierson '28.
 - O. Richardson '29 vs. G. J. Meyers '29.
 - B. Miller '28 vs. D. Funk '29.
 - G. E. Peterson '26 vs. A. Heyser '26.
 - J. W. Watanabe G. vs. L. F. Kinzey '26.
 - L. E. O'Malley '28 vs. F. McGuane '27.
 - L. W. Day '27 vs. H. Hagedorn '28.
 - C. E. Worthen '29 vs. C. F. Haberstroh '28.
 - A. E. Beltzler '28 vs. T. Weiner '29.
 - J. Bancroft '27 vs. A. F. Taylor '26.
 - J. W. Bates '26 vs. C. F. Kirsch '26.
 - M. Libman '26 vs. M. Davier '27.
 - J. A. Kelly vs. D. W. Smith '28.
 - A. D. Nichols '29 vs. E. T. Peverly '29.
 - A. K. Berle '27 vs. E. Lambert '26.

With the large number of men entered in the Fall Tournament, it will be up to every man who signed up to make it a point to play his match as soon as possible. If this is not done, the early fall is going to handicap the men that reach the final rounds, and remove all interest attached to the tournament.

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SOCCER MEN WILL MEET IN WALKER THIS AFTERNOON

Many New Men Will be Needed to Replace Veterans Lost to Team

LAST YEAR FAIRLY GOOD

Beaver Team Loses to Harvard, Dartmouth and West Point Teams

Although the few regulars that are still in school have already reported to Captain Arana, of the soccer team, and turned in their schedule cards, the new candidates have yet to report. In order to give these new men a chance to sign up for soccer, Captain Arana has called a meeting in the Committee room of Walker at 5 o'clock this afternoon. All men that have any intention to come out for this sport should report at this time. Last year the season was not half so successful as the preceding one, since the team won three and lost three of their games. The year before the team went through their entire season without dropping a game. They opened the season with a win over a strong Worcester Tech team 2-1.

Dartmouth Scores Lone Goal
They followed up this victory a week later with another close victory over Clark. This time the Engineer men could only squeeze the ball between the posts once, while an airtight defense held the Clark team scoreless. The game against the strong Dartmouth team was a heartbreaker, for try as they might the Engineer team could not get the ball past a strong Green goal keeper.

Dartmouth, meanwhile had scored once, winning the game by one lone point. This was the first defeat inflicted upon the Beaver team in two seasons. Once their winning streak was broken, it continued for another game. Harvard took them into camp in the next game to the tune of 3-2.

Northeastern, the next opponent, received one of the warmest receptions ever given a team on Tech Field. The goal tender of the Northeastern team was deluged from the start to the finish of the game with an avalanche of shots from all corners of the goal posts. When the game had ended, it was found the Beaver team was on the long end of a 9-2 score.

If the team had been able to keep the stride they set in the Northeastern game, they would have come out on the long end of the season's score. Such was not the case and they bowed to West Point on a wet field 3-1.

As few of last year's men are back this year, many new men will be needed to fill the vacant positions. Captain Arana will probably take care of his old position of left half back, and there is a possibility that Cheney will again be out in his old position as goal tender.

BASKETBALL MEN TO HOLD FIRST MEETING

All Varsity basketball candidates will meet in room 1-190, at 5 o'clock tomorrow afternoon in order to make plans for the coming season. In as much as the first game of the year is scheduled for December 5, practice will start earlier than ever this year. Both Coach McCarthy and Captain Bill Forrester will address tomorrow's meeting of prospective candidates.

With only three of last year's team back in the Institute, there is a fine chance for any basketball players to make the team this season. The fraternity league last winter boasted of several fine players who never reported for practice to Coach McCarthy, and who would make promising material for the Varsity.

Of last year's team, only Ernie Hinck and Captain Bill Forrester played regularly, with Biehle breaking in at the center position in several games. Umbenhauer and Timmerman, who were thrown into several games last year for experience, are back, and will make a real try for a regular berth this year. Outside of these five men, Coach McCarthy has no other men to call on, so must develop a number of good men before the first game on December 5 with Lowell Textile.

At the beginning of this year, practice will probably be held in the Walker gym instead of the Hangar, as is usually the case. This will allow the practice to go on uninterrupted by the other sports that are going on in the gym. Coach McCarthy is also endeavoring to have a couple of more baskets placed in the Walker gym. Practice on getting the ball in the hoop is essential, for many a fast passing team has fell down after bringing the ball right under the basket.

Field Day Candidates

	'28	'29
Football	17	20
Relay	15	20
Crew	—	84
Tug of War	10	2

Sports Desk

It is somewhat of a coincidence that the frosh began this year with only one man out for the tug of war, for last year, the same was true of the Class of 1928. At that time, Elmer Dean, who later was elected class president, was the only man to report. It is true that the Class of 1927 had only a few more, but they won in the end by virtue of a year's experience.

Coach Haines can well be proud of the improvement that he has made in crew in his short stay at the Institute. If anyone had claimed a few years ago that over a hundred men of the incoming class would report for crew each year, he would have been considered a rank idealist. And yet it has happened.

How successful track is going to be at the Institute this year is still a question. The coaches, Os Hedlund and Doc Connors, are spending all of their time working over the material they have, and are spending little or no time in talking over the prospects of a winning team. If the work put in by the coaches and the interest shown by the men can be taken as a criterion, it should be one of the best seasons in many years, reminding the Alumni of the days when the Cardinal and the Gray was out in front all of the time.

The football game this Field Day between the Sophs and the frosh should even eclipse last year's close game. The Sophs are beginning to report in earnest, with a number of last year's veterans among the men coming out. In the game last year, these Sophs, with a very light team, put a dandy fight and almost held the '27 team to a scoreless tie. This year's frosh are a bunch of big men, and with Shotts as coach should soon develop into a fighting aggregation which will make the Sophs step out to win.

Gym is as slow in getting started this year as the famed frosh tug of war team. With a week of classes past, there has as yet been no call for candidates for this team. If a successful season is to be expected, the management of gym should try and get a number of new men out soon to replace the men lost last season.

HEMP PULLERS STILL REMAIN IN SECLUSION

While all the rest of the Field Day teams are turning out in large numbers, the tug of war candidates remain in hiding. As the Field Day box shows, the frosh have turned out in the large numbers of two so far, while the Sophs are doing little better with only ten men out.

The inclement weather on Saturday prevented any of the teams from reporting for practice, but there was no excuse for not reporting on Friday afternoon. There were men out for football practice on Friday, men were reporting to Coach Haines at the Boathouse, and the track coaches were putting the relay men through their paces, but the tug of war coaches stood around idle waiting for their candidates to report.

It is not human to expect that the coaches are going to wait every afternoon, so that if men do not report soon, they are going to be without coaches. It is the frosh in particular who are not reporting, and it is these men that need practice. Last year, the present Soph class put up a fairly respectable fight against a strong 1927 team. With the experience they gained in that pull, they should have a strong team this year as soon as they get a few men out for practice.

If the frosh feel so very puffed up over the fact that they have eighty odd men out for crew, they should stop and consider that over a hundred and thirty frosh signed up for the water sport last year.

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Notices and Announcements

OFFICIAL

POLITICAL ECONOMY

All Students having deficiencies in political economy Ec. X32 should consult Mr. Ingraham in room 1-276. Special classes will be formed in this subject.

STUDENT DIRECTORY

The Directory of students is being prepared. Students who have not turned in address cards are requested to do so at once.

PHYSICAL TRAINING

All freshman who wish to substitute sport for Physical Training classes must sign up in the office of the Physical Director, room 335, Walker Memorial, before 12 o'clock Saturday, October 24. The following sports may be substituted: Track, Crew, Swimming, Boxing, Wrestling, Fencing, Gym Team, and Basketball.

PHYSICAL EXAMINATION

Physical examination of all new students entering the Institute is compulsory. Please make appointments at the Department of Hygiene, Room 3-019 as soon as possible.

ITALIAN

A University Extension Class in Italian will meet on Tuesdays and Thursdays, from 5 to 6, at Boston University. The instructor is Professor James Geddes; the fee for the year \$5. Further information may be obtained from Prof. Geddes at B. U.

UNDERGRADUATE

COATHANGERS

The Information Service Department of the T. C. A. has received for free distribution 500 coathangers. These may be obtained in the front office one to a man while the supply lasts.

LUTHERAN STUDENTS

Lutheran Students of Technology are invited to attend the reception of the Lutheran Students' Association of Greater Boston, to be held Friday at 8 at the Phillips Brooks House, Harvard, and the Association Service 4 P. M., Sunday, at the Augustana Church, Broadway St., Cambridge.

SOCCER

All Soccer players are requested to meet in the Committee Room, Walker Memorial today at 5.

FRESHMEN BASKETBALL MANAGERS

Competition opens this week for Freshmen assistant managers of Basketball. Two men will be selected at the end of this year for sophomore assistants, and one of these two will be elected Varsity manager at the end of Sophomore year. Full information may be obtained from manager any afternoon this week after 5 P. M. in the A. A. office.

CREW MANAGERIAL COMPETITION

All candidates for the crew manager competition are requested to report at the boathouse any night after 4.

CREW MASS MEETING

There will be a mass meeting in room 5-330 at 5 P. M. this afternoon for all those interested in crew.

THE TECHTONIANS

Tryouts will be held tonight at 5 o'clock in North Hall, Walker Memorial. Anybody that plays an instrument used by dance orchestras is eligible as a candidate.

TRACK AND CROSS COUNTRY MANAGER

Candidates for manager of track and cross-country report at Track House any afternoon between 3 and 6 o'clock.

VARSITY BASKETBALL

Candidates for the Varsity Basketball team will meet in room 1-190 tomorrow at 5 p. m. All men interested are urged to report.

T. C. A. EMPLOYMENT BUREAU

Men who are 5 ft. 8 in. in height and weighing 150 lbs. or more should list their names with the T. C. A. Employment Bureau before 4 o'clock, Wednesday, October 7, for work Saturday, October 17th.

T. C. A. EMPLOYMENT BUREAU

All men having application cards on file in the T. C. A. Employment Bureau will find it to their advantage to place their schedule upon their cards.

BOOK EXCHANGE

Men who have left books to be sold at the T. C. A. office are asked not to call for their money before Wednesday of this week.

FRESHMAN FOOTBALL

There will be freshman football practice every afternoon at 4 on Tech Field. On your toes, frosh.

BOOK EXCHANGE

Upperclassmen having books they wish to sell and which are to be used this term may leave the same for sale at the T. C. A. office. Books may be sold for up to two-thirds their original cost.

SQUARE AND COMPASS CLUB

All Masons are requested to drop a card giving their name and address in box 150 M. I. T.

CATHOLIC CLUB

A supper meeting of the Technology Catholic Club will be held in the north hall of Walker on October 7. Dean Talbot and J. F. O'Neill will speak. All interested are invited.

BEAVER VICTOR IN UNION BOAT CLUB MODEL YACHT RACE

Large Crowds Attend Regatta In Which About Forty Models Compete

(Continued from Page 2)

ing up and down the basin during the three days of the Regatta.

About forty models were entered at the races, each model having some particular interest to the public, which continually crowded the river front at the landing in front of Walker Memorial. All the builders of the models were men and boys who have had no technical training in the design and construction of model yachts, but who find great pleasure in tinkering about models in their spare time. Thus the models represented a large amount of skilled and patient work—the smallest part having the most graceful lines and perfect in every detail. Some of the men had gone so far as to make their own nails to go into the deck, thus some of the models were beautiful pieces of art work not fit to undergo the risk of being sailed, for during the races the models had to be followed by another boat from which the rudder and the rigging was controlled. The risk of the model being run into by the control boat was great. During the last race the controls of the Beaver were held in the skilled hands of Professor George Owen of the Naval Architectural department, at which time the Beaver finished the mile course with a comfortable lead.

Yesterday October the fourth, the Beaver took its place in a race in Flushing Bay, Long Island, to compete for the continental cup. After being brought back the model yacht will be displayed with its prize in the model room of the Naval Architectural building.

British Attempt At Helicopter Is Unsuccessful

Experiment to develop a helicopter continues to be unsuccessful. The Brennan Helicopter, which British airmen have been working on for three years, was taken from the hangar Saturday for a secret trial and crashed after rising only a few feet.

The British Government has spent thousands of dollars on this helicopter, and it has been prophesied a certain success. The wing and the body of the machine were badly crushed in the fall.

Ever since the days of the first airplanes men have been struggling to develop a helicopter; that is, an airship which is capable of arising and descending vertically, rather than obliquely as do all present-day planes. Occasionally rumors are current that success is about to be realized, but no really practical helicopter has yet been built.

The advantages of the helicopter are especially apparent in the regions where the ground is rough or is thickly populated. Because of its ability to rise or alight without running along the ground, its pilot need not be particularly well informed as to the character of the country where he intends to land, and need only pick a clear spot about the size of his plane.

JUMPING BEAN MIGHT OUTJUMP SANFORD

"A man may be unable to lift himself by his bootstraps but a tiny worm of a Latin-American insect can not only hoist itself without the aid of hands or feet, but, as if to make the trick more difficult, performs the act in a house four times as big as itself, carrying the house along. This is the story of the celebrated Mexican jumping bean, or 'broncho bean' as it is known in the Southwest," according to a bulletin from the Washington, D. C., headquarters of the National Geographic Society.

"The Mexican jumping bean is the seed of any of the three or four members of a family of swamp trees, listed officially under the ponderous title of euphorbiaceous plants, when infested by a full grown larva of the small gray tortricid moth. When the plant is in blossom the moth lays an egg in one part of the flower. That part of the flower grows with the rest, but, instead of becoming a pod for the seed of the tree, it turns into a home for the insect. The egg soon hatches into a worm, which occupies only about a fifth of the pod or shell.

"When the seed pods drop during the summer, the husk splits into three parts—two containing seed. The third is what is known as the jumping bean. The latter is a triangular brown pod about the size of a peanut kernel, with two plain surfaces and one curved surface.

"As soon as the pod falls from the tree the worm or larva inside coils up, then lets itself go suddenly, like a catapult, giving a forward motion to the pod. Sometimes it rolls from side to side and sometimes moves fairly consistently in one direction by leaps and jumps.

"Late in the winter the larva cuts a circular door through the seed walls, strengthens it with silk and transforms to pupa. The moth soon after its way through the prepared door.

COMBINED MEETING ON ATHLETICS HELD

(Continued from page 1)

ball squad in using part of its field on odd days of the week. Boxing at present is in the doubtful position of being without a manager but a speedy election has been promised.

In speaking of eligibility and eligibility rules, Dr. Rowe made a plea for clean sportsmanship and the observance to the letter, and spirit of these rules.

Pleads for Medical Examination

Dr. L. W. Croke, Assistant to the Medical Director, asked that every man going out for any athletics observe the rules and take a medical examination which would serve the double purpose of protecting him from possible permanent injury and protecting the Institute authorities.

After the meeting of the Advisory Council was adjourned, the officers withdrew and the Athletic Association went into session with K. R. Lord '26 in the chair. The minutes of the last meeting of the school year were read confirming the awards of letters made and published last term.

Heard At Other Colleges

Boston University

The new course for a degree for supervisors of music in the public schools has proved decidedly attractive. Already several have entered upon it. Especially interesting to these people is the fact that they can begin work for a special certificate to supervise music in the schools and then use all the credits earned for the certificate to apply later on a degree.

The enrollment of the freshman class of the art department of the school of education is 50 per cent larger than last year. Will R. Davis, having resigned on account of ill health, Lester Stevens of Rockport has been appointed to fill the vacancy. Mr. Stevens will soon offer a series of lectures on composition that will be open to all teachers of art. The lectures will be without fee.

One of the most gratifying conditions in the growth of the school of education is the rising calibre of the students and of the work they are doing.

Amherst College

Amherst College's second game of the football schedule was played Saturday against Princeton at Princeton, N. J.

The Delta Upsilon fraternity won the Treadway interfraternity scholarship trophy for 1924-1925 with an average of 76.54. The trophy, a silver cup, given by the Hon. Allen Treadway of the class of 1886, in memory of his son, is awarded to the fraternity or group of non-fraternity men which has attained the highest scholastic average during the previous year.

Radcliffe College

Social activities at Radcliffe began Saturday afternoon with a reception at Agassiz House for new students. President Ada Louise Comstock and Dean Brown gave the official welcome. The program included remarks by officers of the various clubs, who outlined their programs for the year.

Among the events are the annual senior-freshman picnic this week; an Idler play by Bernard Shaw, to be staged about the middle of October, and the formal dance known as the Idler reception, about the end of the month. Later events include the Radcliffe Athletic club field day in November and the concert at which

SMOKER WILL HAVE A FULL PROGRAM

Entertainment Will be Plenty And Varied Next Friday

(Continued from page 1)

the time, and learn more about the ones in which they are particularly interested.

Shortly after the men have had a chance to look over the different activities, the entertainment program will start with a professional boxing match in the gymnasium. At about 8 o'clock, all of the undergraduates will get together in the Main Hall of Walker for the chief part of the program.

Following the annual ceremony of the presentation of the key to Walker by the Alumni of the undergraduates, the rest of the evening will be devoted exclusively to the entertainment of all who are present. Present plans call for a five piece jazz band to furnish music throughout the programs, the showing of a two reel comedy and movies of undergraduate activities, and the presentation of a vaudeville act by hired professional entertainers.

In addition to the above, the Committee announces that they have plans for several other surprise features which will round out the program and make it one of the liveliest ever presented at any All Technology Smoker.

Beethoven's ninth symphony will be given by the Radcliffe Choral Society, assisted by the Harvard Glee Club and the Boston Symphony orchestra, probably in December. Still other events are musicales, plays, teas and dances of a wide variety.

The chairman of the debating society, Margaret MacGregor, announced the withdrawal of Barnard College from the union formed by six leading eastern colleges. It is probable that Bryn Mawr will be substituted.

A song of welcome by the seniors to the freshmen followed, then the sophomore stunts were given. Later refreshments were served in the dining room and there was dancing in the living room.

There is a real reason why college cheers so frequently contain the word "Rah." According to studies made by Dr. Irving B. Crandall and Mr. C. F. Sacia of Bell Telephone Laboratories men ordinarily speak this sound louder than any other vowel. If the value of 50 be assigned to the amount of energy delivered by a man's voice to the air for this particular sound, then its nearest rival, the sound of "a" as in "tap" comes next at 44, and as in "talk" at 37.

Women's voices present quite a contrast to men's in that there are four vowel sounds of practically the same loudness. These are the vowels in "tone," "talk" and "Rah." "Ah" is the easiest sound to produce because fewer throat muscles are tensed; hence it is the basic vowel sound in most languages.

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