

THE TECH

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THE TECH

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OFFICE HOURS:

Editor-in-Chief, Monday, 11-12.30 P.M.
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For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

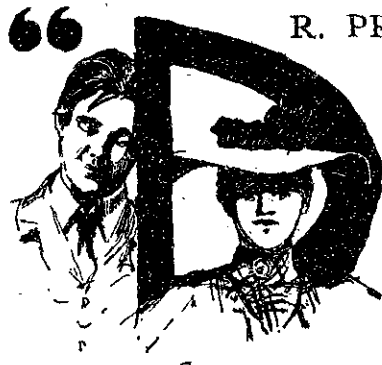
Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

All communications with the Alumni Department should be addressed to the Alumni Editor.

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R. PRITCHETT'S idea

in sending out the list of questions, that most of the students by this time have received, is to get some statistics to show the way in which the average man lives

and does his work at the Institute. With such knowledge Dr. Pritchett thinks that he can with better understanding go about im-

proving these conditions. We hope that the undergraduates will cheerfully answer the questions as completely as possible, for it is for their benefit that Dr. Pritchett is working.



THE TECH is pleased to notice the interest which is being shown in the cross country team. A new departure for Tech, the idea has been looked upon with favor from the start. Good management and a large number of candidates have practically made the team a fixture in our athletics, and it is to be hoped that track men will make use of the advantages thus offered them by getting in some good preliminary training for the track games of the spring. No true criterion of the strength of the cross country team may be had, as its members have participated in but one run. On Saturday, December 14, however, the team will run a like team from Harvard. This race will be a good tryout for the men who have made the team.



It is with much reluctance that we feel obliged to call attention to an act, committed within a week, which is to be greatly deplored, to say the least. We do not recall another deed which has cast as unfavorable reflections upon the student body as the one in question. We refer to the breaking of the lock in the *Technique* bulletin case in Rogers corridor, and the stealing of the poster which hung in it at the time.

There should be no necessity for the use of locks on these cases, but it is hard to believe that their meaning is not respected when they are used. If the matter is looked at in the most favorable light, there is nothing but discredit from the theft. We will hope that some one thought to be smart and funny, and took the poster only for a joke. If such was the case, and we sincerely hope it was, his design failed utterly. The least he can do is to return the poster, and thus not only relieve the responsibility from others, but also show that he regrets his misdeed.

Cross Country Team.

A race has been arranged with Harvard to be run off on December 14. The course will be about six miles, and the teams will be composed of six men each. The race will probably be run in Franklin Park. Full particulars in regard to the course will be given in next week's TECH.

The candidates for the team have been sent to a training table at the Hotel Nottingham, and the trials will be held on Saturday, December 7. Among the promising candidates are Hardenberg, '03, Holcombe, '04, Jenkins, '04, Riley, '05, Fraser, '05, and Marcy, '05. The team is in charge of H. F. Peaslee, '03, Captain, and A. J. Sweet, '04, Coach. Sweet is one of the most experienced cross country runners in the United States, having been four years on the Cornell Team, of which he was Captain two years ago.

Nearly all the courses of the Institute have already been canvassed for subscriptions in behalf of the team. The response so far has been general, and if the remaining sections respond as well as those which have already been approached, a sufficient sum will be raised to give the team every advantage. That it should not be hampered in any way is especially necessary, as the team has to be composed of practically new men.

President Pritchett and Major Briggs, Chairman of the Advisory Council, have both given the team their hearty approval, and it is hoped that the students will give the team their support, not only financially, but also by coming out to see the race.

Mechanical Engineering Society.

A meeting for the purpose of forming a Mechanical Engineering Society was held on Tuesday, November 26, 1901. Mr. Weeks, '02, was chosen to preside. Mr. Fisk, the chairman of a preliminary committee, made a report of the various subjects which could be considered by the society; these were as follows: reviews of engineering magazines, thesis works, talks by outside speakers and professors, experiences in summer work and excursions. Professor Lanza made a short address, wishing success to the society. He stated that a number of attempts had been made to form such a society, but that none of them had been entirely successful. A committee, consisting of Robbins, '02, Mayo, '02, May, '02, Bateman, '03, and L. W. Adams, '03, was appointed to draw up a constitution. This constitution was read at the next meeting, held last Tuesday, but on account of lack of time was not wholly accepted. The meeting was adjourned to 4.15 P.M. Friday.

Chess Tournament.

The chess tournament is in progress, with the following men entered:

SECTION 1. C. L. Bates, '03; A. M. Deane, '04; C. M. Hardenbergh, '03; L. W. Hammett; F. W. Williken. SECTION 2. L. E. Schleuson, '03; G. D. Wilson, '03; T. B. Ternan, '05; W. L. Gowinlock, '05; H. W. Edmunds, '05; Guy Hill, '04.

Each man is to play every other man in his section. The winners of the sections then play, and the successful man in this match is winner of the tournament. The tournament will probably be ended by February 1st, 1902.

1903 Class Smoker.

The Class of 1903 will give a smoke talk at the old Technology Clubhouse, 71 Newbury Street, on Friday evening, December 14, at 8 P.M. It is hoped that this will be the first of a number of informal class smokers, and all the men in the class are urged to keep that evening free. Professor Blackstein will speak, and lunch will be served. Every man in the class is expected to be present. Tickets for sale by the committee for fifty cents apiece. The committee is made up as follows: Bateman, Baker, Cox, Olmstead, Rogers.

Hare and Hounds.

The sixth Hare and Hounds Run for the season was held last Saturday from Milton, the course being nearly the same as on the run from that place about a year ago. Haynes, '04, and Ovington, '04, were the hares, and laid a trail of over seven miles, leading westward from the start for a mile, thence south into the Blue Hills Reservation, returning with a long stretch on Reesdale Road and across the ice on the Mill Pond. The course was more than usual upon the roads; but a patch of blackberries near the start brought the number of scratches above the average. The snow proved little hindrance in following the trail, and the day was not so cold as the previous Saturday, when the men ran from West Roxbury.

The last bunch caught the main pack about the middle of the run; but owing to delays in finding the trail, they pulled in only a minute ahead. Palmer, '04, was first in, with Scudder, '03, next. In the main bunch Horton, '04, was first and Dean, '05, second.

The run next Saturday will be the last one this fall, as the Cross Country Race with Harvard comes upon the 14th.

Officers of the Freshman Battalion.

The following appointments of Cadet officers are now announced:

FIELD AND STAFF.

To be Lieutenant-Colonel, J. S. Bridges; Regimental Adjutant, W. J. Sneeringer, Jr.; Chief Trumpeter, E. K. H. Bunting.

1ST BATTALION.

Co. A. To be Captain, F. S. Elliott; Lieutenant, A. E. Russell; 1st Sergt., R. O. Marsh.

Co. B. To be Captain, L. W. Cronkhite; Lieutenant, F. W. Regan.

Co. C. To be Captain, W. E. Simpson; Lieutenant, G. E. Turner; 1st Sergt., F. C. Bickford.

2ND BATTALION.

Co. D. To be Captain, J. S. Brown; Lieutenant, J. Hayes, Jr.

Co. E. To be Lieutenant, W. L. Spalding; Lieutenant, E. Lum; 1st Sergt., G. E. Dunham.

Co. F. To be Captain, E. M. Read, Jr.

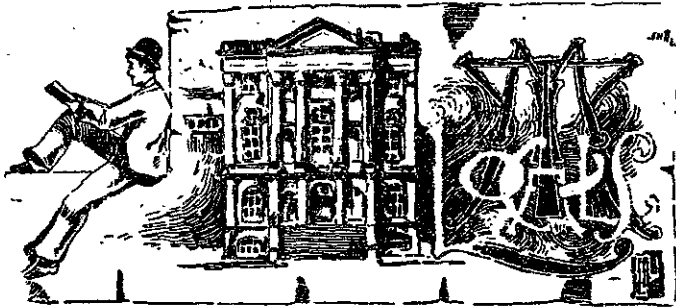
Freshman Battalion Hop.

The Tech Cadets are going to give a hop in Paul Revere Hall on Friday evening, December the twentieth, nineteen hundred and one. As nothing of this kind has been attempted since Tech first opened her doors, it is to be hoped that not only the Freshmen but also the whole Tech student body will be present; so that in future years we may be able to look back on this dance not as a dismal failure, but as the first of a long line of "Tech Cadet Hops."

Poole's Orchestra has been engaged for the occasion, and as the ticket, which costs only a dollar, will admit as many ladies as the masculine possessor cares to bring, there is no reason why everyone should not come.

The matrons will be Mrs. Pritchett, Mrs. Talbot, Mrs. Bartlett and Mrs. Dewey.

Once more the seasons have swung round in their headlong course, and again it becomes our painful duty to inform the patient public that the Bursar has decreed that winter is at hand. In other words, the steps of the Rogers Building have been fitted with their wooden covering.



Contributions for *Technique* must be handed in promptly. Address *Technique*, and leave at "Cage."

Work in the battalion is progressing rapidly. Guns have been given to some of the more efficient companies.

The men who intend to hand in the five best grinds for the souvenir *Technique* must have their work in by December 20.

The photographs of the Class of 1903 may be had from Messrs. Lee, Winchester and Parker. The price, \$1.00, must be left with the order.

Lists of the students to be published in the Annual Catalogue have been posted, and corrections should be handed in not later than Dec. 7.

A meeting of the Freshman Debating Society was held last Saturday morning in Huntington Hall. The Constitution was read and discussed. No definite action was taken.

Mr. G. H. Powell is entitled to wear a football "1904." Through an unfortunate circumstance his name was not printed among the other winners of the 1904 numerals.

The next meeting of the Civil Engineering Society will be addressed by Mr. Seabury, '02, on "The Summer School of 1901," in Room 11, Eng. B., 4.15 P.M., Dec. 9.

The M. I. T. Cross Country Team will hold a race with the Harvard Cross Country Team on Dec. 14. Eight men are eating at the training table at Hotel Nottingham.

Dr. Lyman Abbott, the editor of the "Outlook," will make a fifteen-minute address to the students and members of the instructing staff on Friday, Dec. 6, at 1.10 sharp, in Huntington Hall. Dr. Pritchett desires a full attendance.

The Cadets of the Freshman Battalion are to give a "Hop" at Paul Revere Hall, on Friday, Dec. 20, at 8 P.M. Tickets \$1.00. They admit one male with as many of the other sex as he can scare up and "corral." (Please excuse the phraseology.)

Men who have ever played hockey or polo, and are interested in the formation of a Hockey Team, should hand in their names to Box 132, Cage. Everybody should turn out, as it depends on the number who are interested whether or not there will be a new rink.

The next run of the Hare and Hounds will be from the Chestnut Hill Reservoir on Saturday, Dec. 7. This will be the last run of the season, as the Cross Country Race with Harvard comes the following week. Men should be on hand to leave the Gym at two o'clock, when cars will be taken for Chestnut Hill.

A pleasant instance of the success of a Tech student is found in the achievement of A. S. Ackerman, a member of the present Sophomore class, who recently entered the examinations for cartographic draftsman at the Newport War College. This examination required that the applicant should also have some knowledge of the typewriter, so Mr. Ackerman worked persistently for a week, and with the knowledge acquired during his course, came out the best of five competitors, a result which he says himself was due to the training received at the Institute.

SMITH. — "What a red beard you have. How does that happen?"

Brown. — "Well, you see, it is very wirey, and when I wash my face, it rusts."

— *The Widow.*



All communications with this department should be addressed to the Alumni Editor.

'82. Harry G. Manning, II., has accepted the position of Erecting Engineer for English parties, in connection with a large steel mill near Pittsburg, Pa.

'83. William B. Fuller, I., is in charge of the construction of a mechanical filter slant for the East Jersey Water Company, at Little Falls, N. J.

'85. F. H. Newell, III., is Chief Hydrographer of the United States Geological Survey.

'91. Morris Knowles, I., has been appointed engineer in charge of the water filtration works at Pittsburg, Pa.

'92. Philip M. Burbank, VI., has entered the employ of Messrs. Stone & Webster, electrical engineers, in Boston.

'92. Sumner B. Ely, II., is now Chief Engineer of the American Steel Company, Pittsburg, Pa.

'93. William A. Tucker, III., has accepted the position of Instructor in Mining Engineering and Ore-Dressing in the Michigan College of Mines at Houghton, Mich.

'93. W. T. Knowlton, for the past two years assistant engineer of the Honolulu Sewerage Company, engaged in building a sewer system for that city, returned to Boston last spring.

'97. B. A. Howes, IV., is now located at Dawson City, Yukon Territory.

'98. S. R. Wadsworth, I., engineer on the New York Central, is building a bridge across the Hudson at Albany, N. Y.

'00. George E. Russell, who has been with the American Car Foundry Company at Detroit, is going to St. Louis as chief engineer with the Western Office of the Steel Car Department.

'00. Russell Suter has gone to Jersey City with the Continental Filter Company.

'00. Emil F. Vogel, I., holds the position of designer with the Case Manufacturing Co.

'00. James W. Hussey, XIII., has accepted a position with the Scientific Department of the New York Shipbuilding Company.

'01. F. W. Claflin is with the engineering corps of the Boston & Albany Railroad.

'01. W. M. Curtis is with the Crosby Manufacturing Company of Boston.

'01. S. B. Miller is surveyor and draughtsman for the Associated Factory Mutual Insurance Company, Boston.

'01. C. G. Tufts is Dr. Gill's private assistant.

'01. Francis K. Baxter is assistant superintendent of the Wilkes Mining Company, Grantville, Ga.

'01. H. T. Blanchard is with Shepley, Rutan & Coolidge, architects, Boston.

'01. W. M. Curtis is with the Crosby Manufacturing Company, Boston.

'01. R. W. Wight, XIII., is draughtsman for Geo. Lawley & Sons, South Boston.

Calendar.

Friday, December 6. Dr. Lyman Abbott will make a short address in Huntington Hall at 1.10 P. M. Meeting of the Society of Mechanical Engineers at 4.15 P. M., Room 31, Eng. A.

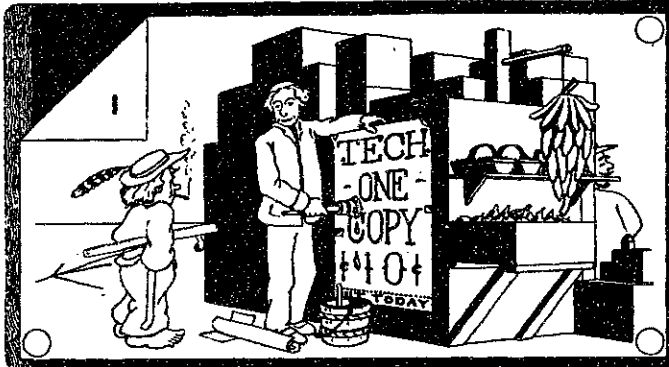
Saturday, December 7. The last run of the Hare and Hounds will be held from Chestnut Hill. Be on hand to leave the Gym at 2 P. M.

Monday, December 9th. Civil Engineering Society at 4.15 P. M., Room 11, Eng. B. Mr. Seabury, '02, will speak on "The Summer School of 1901."

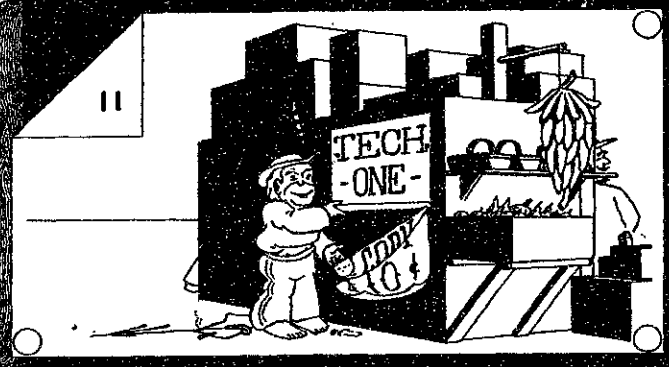
Tuesday, December 10th. Regular Students' Meeting of the M. I. T. Y. M. C. A. at 4.10 P. M., Rogers Building, Room 11.

Friday, December 13th. 1903 Smoke Talk at 8 P. M., at the old Technology Club House, 71 Newbury Street.

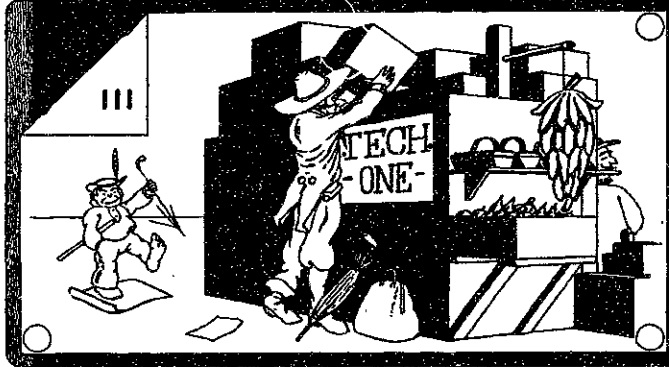
WHY HAVING A GOOD EDUCATION IS AN ADVANTAGE.



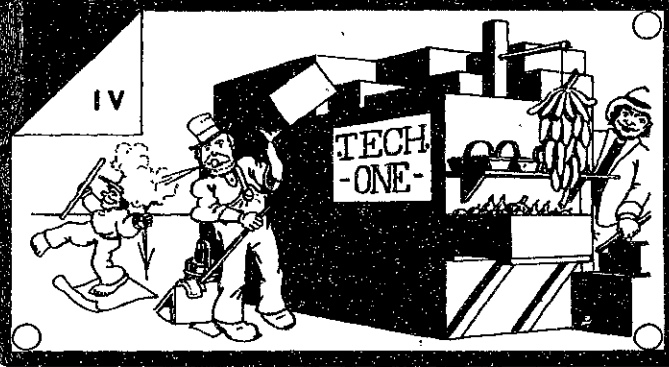
I
STUDENT — THIS ADVERTISING WILL HELP SELL THE PAPER AND WHEN I TELL THE ED. HE'LL GIVE ME ONE FOR NOTHING. BOY IF YOU HAD MY HEAD THEY'D SOON MAKE YOU PRESIDENT



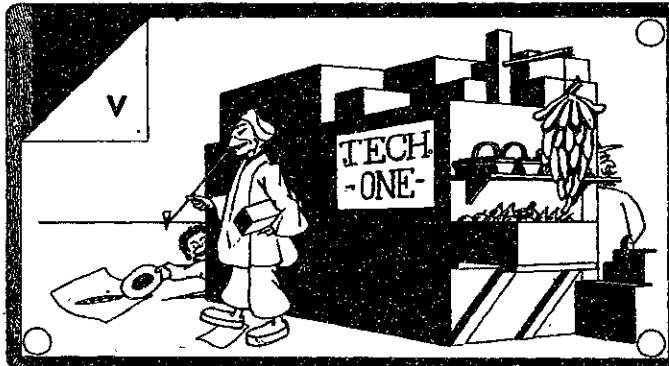
II
SHORTY SAM — DIS POSTER WID WOT'S OVER IT FIXES IT SO I KIN HAVE FUN WID DE PASSERS AN' EVEN UP WID DE DAGGER MAKIN' ME CHACE MESELF FRUM HIS STAN' JES' NOW.



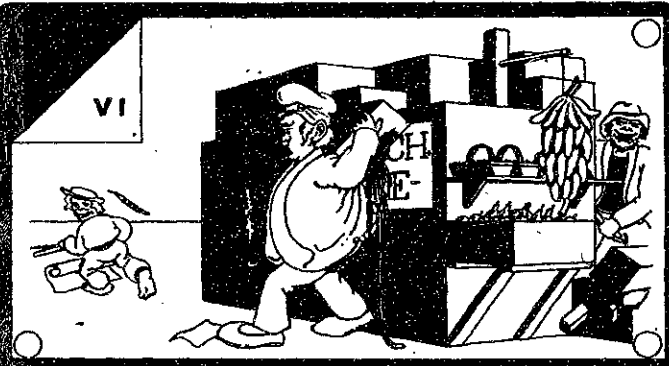
III
JOSH JELLISON — TEC' ONE? BY GUM, GUESS I WILL! JES' WHAT I BEN WANTIN', FUNNY HOW THOSE ITALY FELLERS SPELL TAKE, THOUGH. ALLUS SPELLED IT TAIKUPHUM.



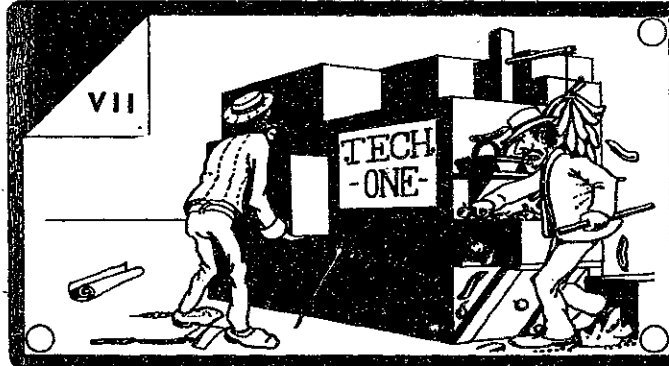
IV
M'ALISTER — TECK ONE IS IT? BEGORRA THERE'S NOTHING I WUDDEN TECK, UNLESS IT'S BACK TALK



V
LONG LUNG — MUSTEE BE LICH LITALYAN, NO NEEDEE SELLEE FLUTE, ALLEE SA-MEE TLU MELLICAN, GLIB FLEE



VI
SCHMIDT — PY CHIMMENY! DIS IS VOT'S LIGE HABEN PIG LUGIDINKS ME SO.



VII
JACKSON — ALL DIS FAW NUTTIN'. GOLLY, MUST BE A DREAM!



VIII
Harkwood '01.
NEXT MORNING.

SCIENTIFIC NOTES.



NOTE.—This department makes no pretence to scientific research, but seeks to note facts appearing from week to week which are of scientific interest. Contributions are solicited.

A composition made of scrap glass has been used in Paris as a pavement for the streets.

Ninety-six per cent of the world's platinum comes from the Ural Mountains.

The metric system is compulsory in twenty countries, representing more than 300,000,000 people.

The main buildings of the coming St. Louis Fair will exceed in size similar buildings at former expositions by over 25 per cent.

The cable laid between Cape Nome and St. Michaels last year was the largest cable ever made and laid by an American manufacturer.

Electric log haulers are to be used this winter at a log camp in the Dead River region, Maine. A power station has already been built, and the overhead trolley will be used.

There will be no more automobile races allowed upon the public highways of France or Germany. This action is probably due to the number of accidents which occurred during the Paris-Berlin race.

A noiseless alarm clock has recently been patented. This may sound odd; but the alarm consists of a flash of light directed at the head of the sleeper. It is said that such a flash will awaken a sound sleeper.

It has been shown by experiment that the electric arc can be employed under water for fusing metals, says the *London Electrical*

Engineer. The intense heat turns the water around the arc into steam, thus forming an insulating cushion of vapor.

Mr. Marconi has been perfecting a portable wireless telegraphy instrument for use in the British army. In place of the high wire that is used for stationary receivers, huge cylinders are used. These are said to work satisfactorily for a distance of twenty miles. The whole apparatus is mounted on a Thornycroft steam motor carriage. Communication can be maintained while the machine is in motion.

Book Review.

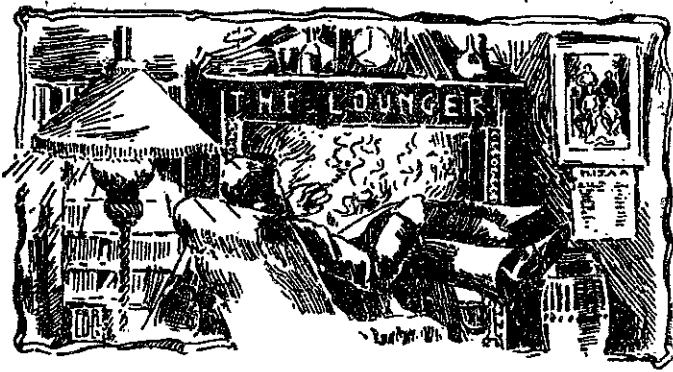
In College Days, Recent 'Varsity Verse: Chosen by JOSEPH LE ROY HARRISON.
Knight & Millet, 1901.

This book is a budget of verses representing every college of importance in the United States. The styles and subjects are of course varied; but all are distinctly collegiate, and the collection is a valuable acquisition for college literature.

New Pieces that will Take Prizes in Speaking Contests: Compiled and adapted by HARRIET BLACKSTONE.
Hinds & Noble, 1901.

The dedication page, which is as follows, presents concisely the purpose of the book: To the contest speaker, with whom, through struggles, hopes and fears, the disappointments of defeat and the joys of victory, the author has walked hand in hand, this book is dedicated. The selections composing the book cover a wide range of subjects, well suited to their purpose. Adaptations are from such authors as John Kendrick Bangs, Joel Chandler Harris, and Elizabeth Stuart Phelps Ward.

Both of the above books are at the office of THE TECH, and are open to examination.



Each year THE LOUNGER has watched, about this time, for the announcement of the arrival of the board coverings to the steps; in this week's issue of this journal of enlightenment he was privileged to see this sad notice. The black lines are always irresistible, and, as Arlo would say, they always "command the handkerchief." This year, however, brings out the fact that the winter is to be longer than usual. For several years THE LOUNGER has recorded the dates of this annual catastrophe, and, having plotted them with r (length over radius of gyration—a variable in terms of the wheel-motion of the head mechanism of the student), as $abscissae$, and the stress of his feelings, $f = \frac{1}{y}$ as ordinates, he has been able to derive a curve showing that the tendency has been towards shorter winters. This year, however, the tendency, like a Freshman at his first exam. in Chemistry, experienced a reverse. He searched the pages of the "Applied" for a reason, but beyond a table of tests of compressive strength of half sized lead cubes, there was nothing bearing upon the subject. But it did not do to become discouraged at this point. One day in discussing the question with Thompson, THE LOUNGER suddenly grasped the fact that if we are to have a week's vacation at Christmas, to compensate for the disintegration and dissoluteness of this extended period of freedom, winter must be inaugurated earlier,—hence the board coverings. Heels together, chest out, chin in! Salute!



Apropos of the Lunch Room—what a noble institution it is; how convenient the situation, how soul-entrancing the waitresses, how masterly the management, and above all how delicate the aroma of corn-beef hash which pervades these hallowed precincts. In truth it is the very "King" of Lunch Rooms. How we delight to dwell upon the chivalric system of seating the seething sea of soup-seekers, a system by means of which, when one o'clock arrives, the chaotic crowd of jabbering, scrambling students is quickly reduced to a condition of even greater melodramatic disruption. Let us ask with Socrates,—“Whence this fact?” To the uninitiated, who do not frequent this sacred institution, to Arlo,—to

Prexy,—yea to Spinoza and Winston Churchill, an explanation is due — *Voilà!*

The first man to enter the room at one o'clock is THE LOUNGER. He finds several, if not more, chairs turned up from yesterday's repast, and with proper regard to his own dignity, he turns up all those chairs which are in the vicinity of the exalted spot wherein he has decreed himself to sit,—this, in order that the vulgar herd may not, by too close proximity, encroach upon the spacious sanctity due to such a revered object as himself. Now there rush in, like the waters at Lodore, a bevy of youths, prevaingly Freshmen and Sophs. Each turns up two modest chairs, and then proceeds to order his milk. There are now in the room one hundred men, and fifty of them without chairs. There are also in the room two hundred chairs—* * * *

THE LOUNGER, remembering that there is a Tech Board meeting at one o'clock, has already departed, but however without precautionarily turning up eight more seats, lest, perchance, the first set should be shamelessly appropriated ere his return.

Under the stress of circumstances, some unprincipled Senior, milk and banana laden, covertly swipes a reserved seat. A bill of complaints is immediately served on Mrs. King by the outraged Freshy, and in the words of the song, the dastardly Senior is requested to “eat from the mantelpiece standing,” in lieu of which he purloins another seat, this time with well-merited success.



Through the blue haze of encircling smoke THE LOUNGER catches occasional glimpses of the dying embers of the grate fire and soliloquizes. In 1900 a number of Seniors were blindly led down the perfumed path to Hymen's altar, there to be united in the sacred bonds of matrimony even before they had graduated. In fact, if one were not at least engaged he was looked upon as out of date, an antiquarian. But Naughty Naught was a wondrous class, a phenomenon of its kind. When Naughty One's gray-haired contingent came along, the line of reasoning was changed, and things were otherwise. There were no benedicts. To make up for this seeming lack of sentiment, and to keep up the standard established by 1900, self-sacrificing members of the instructing staff began to pop the question (and successfully). But now, in the Class of 1902 comes the revival of the state of affairs which existed in 1900. It is this condition of things which has set THE LOUNGER to soliloquizing. Even at this early date engagements have been announced, and one or two marriages have been whispered of. The latest to be congratulated is of the tribe known as fourth year miners. May his joys never grow less!

Come one, come all! Why longer tarry?

First let us choose, then let us marry.

Don't think it as the height of follies,

But join the ranks, like good friend H—H—s.

Keep Mfg. Company
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ARE SHOWING THE LATEST
 IDEAS IN BEAUTIFUL
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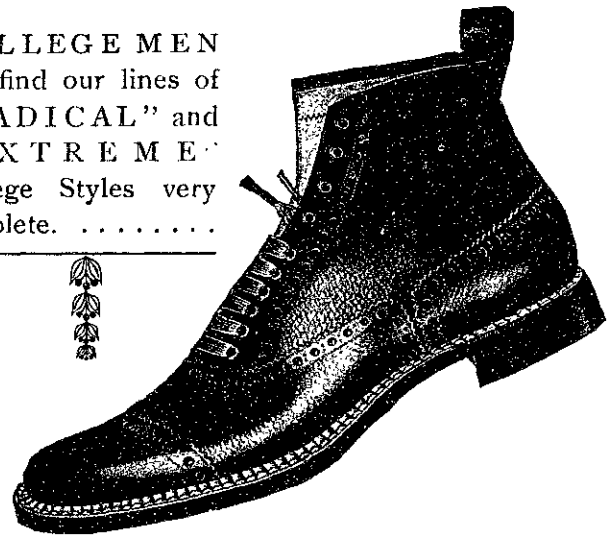
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Gold Plated on Silver, \$1.00.
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Hollis Street Theatre. — The "Rogers Brothers in Washington," that most successful farcical conceit, closes its engagement this week. Next week Daniel Frohman presents Miss Bertha Galland in that beautiful melodramatic romance "The Forest Lovers." The engagement is limited to two weeks.

Colonial Theatre. — Julia Marlowe's handsome production of "When Knighthood Was in Flower," and her own interpretation of the role of Mary

Tudor, have combined to attract immense audiences to this theatre. Her success is marvelous.

Tremont Theatre—Augustus Thomas' "Arizona," the attraction at this house for the coming month, has already shown itself to be a popular play. It is one of the best melodramas that has been seen upon the stage in some years.

Boston Museum. — "Sky Farm" enters upon its tenth week of enormous success. The barn dance in the last scene is one of the most spirited scenes ever shown in a play of this kind. Engagement limited.


Columbia Theatre. — "Boccaccio," Von Suppe's most beautiful opera, is the attraction this week. The choruses are rendered by a large chorus of men and girls dressed in the gorgeous costumes of that period.

Castle Square Theatre. — The English drama, "Harbor Lights," is still in favor with Boston theatre-goers, as is shown by the full houses. Next week "Why Smith Left Home" is to be given, and is sure of great success.

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