

# THE TECH

VOL. XX.

BOSTON, JANUARY 10, 1901.

No. 14.

## THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

HENRY HODGMAN SAYLOR, 1902, *Editor in Chief.*  
WALTER HAVENS FARMER, 1902, *Assistant Editor in Chief.*  
I. RAYNE ADAMS, 1902, *Secretary.*  
H. S. MAXSON, 1901.  
ROBERT WHITE, JR., 1901.  
P. G. L. HILKEN, 1901.  
C. A. SAWYER, JR., 1902.  
J. C. FRUIT, 1902.  
R. B. PENDERGAST, 1902.  
K. W. ENDRES, 1903.  
E. B. MACNAUGHTON, 1902, *Art Editor.*

ARTHUR SMITH MORE, 1902, *Business Manager.*  
HARRY A. STILES, 1903, } *Assistant Business Managers.*  
ERNEST HARRAH, 1904, }

### OFFICE HOURS:

Editor in Chief, Monday, 10-11 A. M.  
Business Manager, Saturday, 12-1 P. M.

*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.*

Subscription, \$2.00 per year, in advance. Single copies, 10 cts. each.

Entered in Post Office, Boston, Mass., as Second-Class Matter.

Press of Lounsbury Nichols & Worth Company.



HERE is a rumor current that the Advisory Council is about to recommend the abolition of under-class baseball. The argument in favor of this step is that the Sophomore and Freshmen teams do the Institute more harm than good in taking material which would otherwise be used in the formation of a good track team. On the other hand it is urged that the annual spring game between the two lower classes is conducive to a healthy and desirable class

rivalry. It would seem that this rivalry might just as well be developed in the track games. Certain it is that if the athletically inclined men do not have time or numbers for both departments, one should be given up altogether rather than have Technology represented by two inferior or at least mediocre teams. The track team, judging from past experience, seems better able to hold its own than the class baseball teams. These teams, with the exception of one or two games with Brown and Harvard Freshmen, play high school and academy teams, and even with this class of opponents, they are defeated in a majority of games.

If we cannot support both of these departments of athletics, by all means, then, let us turn our energy into one channel and make the force of that channel felt.



THE action of the Technology Club in giving a reception to the Freshman class is to be heartily commended. The purpose of the affair is to give the Freshmen an opportunity to meet Dr. Pritchett and the heads of the courses. This opportunity to talk over the choice of a course with the Professors has never been given the other classes, but it offers such advantages as to make one wonder why it has never been done before. The choice of a course is a step of such great moment in the lives of Tech men that one cannot give the matter too much consideration. It is hoped that the Freshman will appreciate this opportunity and make the best of it.

### Letter from Booker T. Washington.

The following letter has been received from Mr. Booker T. Washington in acknowledgment of the Christmas gift sent to Tuskegee by the students.

Crawford House, Boston, Mass.,  
Dec. 23, 1900.

PRESIDENT HENRY S. PRITCHETT,  
Institute of Technology, Boston.

MY DEAR PRESIDENT PRITCHETT :—Your check for \$60 for the benefit of our institution from your students is a very pleasant surprise to me I assure you. I had no idea of receiving a cent as the result of my little talk. Please thank all who had a part in making up this gift, and let them know how very grateful I am, and how much good it will help accomplish at Tuskegee.

Yours truly,  
(Signed) BOOKER T. WASHINGTON,  
Principal.

### The Biological Journal Club.

Mr. William Lyman Underwood, a member of the Board of Health of Belmont, Mass., and a lecturer in the biological department of the Institute, addressed the Biological Club on Tuesday, January 8th, on "The Sanitary Condition, Drainage and Improvement of certain Wet, Rotten, and Spongy Lands lying between the City of Cambridge and the Town of Belmont." The paper was illustrated by the stereopticon.

### Musical Clubs.

The Musical Clubs will hold a concert to-day, January 10, at the Lynn Y. M. C. A. The train will leave the Boston & Revere Beach Depot on Atlantic Avenue at Rowe's wharf, foot of Broad street, at 7.05 P. M.

This is the last concert of the term. The next concert will be held, February 12, at the Hunnewell Club, Newton. The Wellesley concert will also come early in the term.

### The Society of Arts.

The 547th regular meeting of the Society will be held at the Institute, Walker Building, on Thursday, January 10, at 8 P. M.

Mr. Gifford Pinchot, Chief of Division of Forestry, United States Department of Agri-

culture, will address the Society on "A Forest Policy for the United States." Illustrated with stereopticon.

### Tech Luncheon.

The Annual Luncheon of the TECH Board was held last Saturday afternoon at the Savoy Hotel. It had become a time-honored custom to hold this gathering at the Old Elm, but on account of the small size of the room available there it was decided to break away from the usual plan. The Board assembled at Chickering's for the photograph, after which the Editors adjourned to the private dining-room in the hotel. Unfortunately none of the former Editors were able to be present, a fact which was greatly regretted and which prevented the affair's being so successful as in the past few years. An enjoyable afternoon was spent, however, in unloading the accumulated stock of stories and reminiscences.

### The Architectural Society.

The Architectural Society held a meeting last Thursday afternoon in the Pierce Building. Several new by-laws were proposed, besides an amendment to the Constitution in regard to the number of votes necessary for election to membership. After an hour's discussion the matter was laid upon the table. The proposed amendment is that a vote of one-quarter of the active members of the Society shall defeat a name proposed for membership. One of the by-laws makes it necessary for a proposed member to hand in two tracings, to be approved by a committee, before he becomes eligible to membership. A meeting will be held this afternoon to decide the questions.

### The Dome.

The world is hidden; all is draped in night  
Save where across the water, dark and still,  
The dome stands watch in radiant glow of light,  
And guards the sleeping city on the hill.

— *Harvard Advocate.*

# Provisional Schedule of Semi-Annual Examinations, 1901.

Subject to correction by Official Schedule and by Bulletin.

Exercises will be suspended for the first year on and after Thursday, January 24; for the second year on and after Tuesday, January 22; for the third and fourth years on and after January 17.

All entrance conditions are to be made up at this time.

All special examinations granted by the Faculty, and all examinations postponed from September, are to be taken at this time, unless otherwise specifically authorized. Students desiring such examinations (not on this schedule) and those having two examinations on the same day should send in *complete schedules checked for all their examinations not later than January 14*. New assignments will be sent by mail to such students on Thursday, January 17. None can be arranged later.

Reports will be mailed February 5 to students of age and to the parents of others. None can be given out verbally. Requests for duplicates will be received until January 19.

\* For students granted special examinations.

H. W. TYLER, Secretary.

## Friday, Jan. 18.

YEAR.	SUBJECT.	TIME.	
		A. M.	P. M.
4.	Electrical Eng.	9.00	
4.	Hydraulics, I., XI.	9.00	
4.	Metallurgy	9.00	
4.	Metallurgy, Elem.		1.30
4.	Micros. Anatomy		1.30
4.	Photometry	11.00	
3.	Physics, Heat	9.00	

## Saturday, Jan. 19.

4.	Foundations	9.00	
4.	History of Induct. Sci.		1.30
3, 4.	Political Economy		1.30

## Monday, Jan. 21.

4.	Applied Mechanics	9.00	
4.	Comp. Physiology	9.00	
4.	Energetics	9.00	
4.	English Literature	9.00	
4.	Org. Anal., Org. Prep.	9.00	
4.	Steam Eng., I.	9.00	
3.	Geol. Hist.	9.00	
3.	Natural Landscape	9.00	
2.	Physical Meas.*	9.00	

## Tuesday, Jan. 22.

4.	Dyn. Testing	9.00	
4.	Intern. Law		1.30
4.	Metallurgy of Iron		1.30
3.	Applied Mechanics	9.00	
1.	Mech. Draw.* (2d. term)		1.30

## Wednesday, Jan. 23.

4.	Elect. Meas. Inst.	9.00	
4.	Physiol. and Hygiene	9.00	
4.	Proximate Analysis		1.30
4.	Structures.	9.00	
3.	Diff. Equa., VI., VIII.		1.30
3.	Dyn. Elect. Meas.	9.00	
3.	Industrial Chemistry	9.00	
2.	Int. Calc.*		1.30
2.	Physics	9.00	

## Thursday, Jan. 24.

4.	Anal. Mechanics	9.00	
4.	Const. Design	9.00	
4.	Hydraulics, II., VI., X., XIII.	9.00	
4.	Struct. Design	9.00	
3.	Arch. History	9.00	
3.	Quaternions	9.00	
3.	R. R. Engineering	9.00	
3.	Valve Gears	9.00	
3.	Water, Air and Food Anal.	9.00	
2, 3.	European History		1.30

## Friday, Jan. 25.

4.	Climatol.	9.00	
4.	Oil and Gas Analysis		1.30
4.	Periodic Currents	9.00	
3, 4.	Indus. Elect.	9.00	
3.	Anthropology		1.30
3.	*Curves and Earthwork	9.00	
3.	Telegraphy	9.00	
2, 3.	English Literature	9.00	
2.	Military Sci. (Special)		1.30
1.	Military Science		1.30

## Saturday, Jan. 26.

4.	Geodesy	9.00	
4.	Mining Engineering	9.00	
4.	R. R. Engineering	9.00	
4.	Steam Eng. II., VI., X., XIII.,	9.00	
3, 4.	European Civ. and Art	9.00	
3.	Mining Engineering	9.00	
3.	Spec. and Work. Draw.	9.00	
3.	Sugar and Analysis		1.30
3.	Surveying	9.00	
2, 3.	Organic Chemistry	9.00	
2.	Design	9.00	
2.	Mechanism*		1.30
2.	Microscopy	9.00	
1.	Trigonometry*		1.30
Ent.	Solid Geometry	9.00	

## Monday, Jan. 28.

4.	Bridge Design	9.00
4.	Dyn. of Machines	9.00
4.	History of Construction	9.00
4.	Machine Design	9.00
4.	Org. Chemistry	9.00
3.	Diff. Equa. (brief)	9.00
3.	Theoret. Electricity	9.00
2, 3.	Qual. Anal.	9.00
2.	English History	1.30
2.	Horticulture	1.30
1.	Descr. Geometry*	9.00
1.	Algebra	9.00

## Tuesday, Jan. 29.

4.	Acoustics	9.00
4.	Bacteriol.	1.30
4.	Hygiene of Ventilation	9.00
4.	Least Squares	1.30
4.	Naval Architecture	9.00
4.	Textile Coloring	9.00
3, 4.	Taxation	1.30
3.	Comparative Anatomy	1.30
3.	Geology (Struct.)	1.30
3.	Theory of Equations	9.00
3.	Thermodynamics	9.00
2.	Acoustics	9.00
2.	Blowpipe Anal.	9.00
2.	Materials	1.30
Ent.	Algebra	9.00
Ent.	English	11.00
2* Ent.	French	2.00

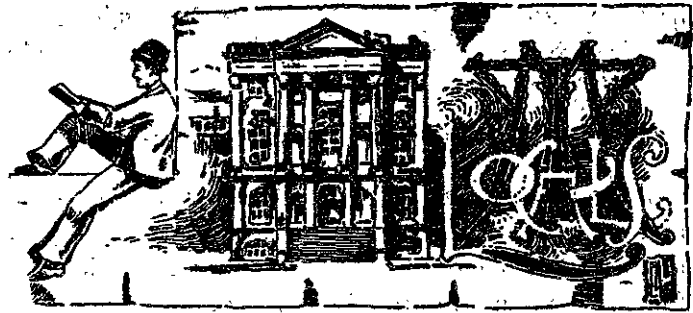
## Wednesday, Jan. 30.

4.	Air Analysis	9.00
4.	Elect. Testing	9.00
4.	Fourier's Series	9.00
4.	Micro. Lithology	9.00
4.	R. R. Manage.	9.00
4.	Theoret. Biol.	9.00
3, 4.	Theoret. Chem.	9.00
3.	Assaying	9.00
3.	Naval Architecture	9.00
3.	Sanitary Chemistry	9.00
2, 3.	Gen. Biology	9.00
2.	Determinants	1.30
2.	Physics* (2d term)	9.00
1.	Anal. Geometry*	1.30
1.	U. S. History*	9.00
Ent.	Plane Geometry	9.00
Ent.	History	11.00
2* Ent.	German	2.00

The second term will begin Thursday, February 7.

Inquirer — What do you do when you wear your pants out?

Smart Guy — Wear 'em home again. —  
*Lampoon.*



The Mandaman Club held a dinner at the Thorndike on Saturday, January 5th.

The senior photograph committee consists E. Seaver, Jr., Chairman, F. K. Baxter, Jr., F. D. Rash. Hearn has been chosen as class photographer for 1901.

Pictures taken during the Summer School in Architecture are now on exhibition in the Architectural Exhibition Room, Pierce Building. They were taken for the most part in Providence, Newburyport and Concord.

At a meeting of the Senior class held last week, Messrs. Colby, Lawrence, Parrock, St. Clair and Walcott were elected to the Senior Portfolio Committee. President Lawrence appointed Mr. Seaver chairman of the Photograph Committee.

A new course entitled "Municipal Sanitation," and given by Professor Sedgwick, will begin next term. It is intended for fourth year Course VII. and Course XI. members, and is an expansion of what has been taught on the subject under another head.

The regular January meeting of the Electrical Engineering Society will be held on Friday evening, January 11th, in Room 23, Walker Building, at 8 o'clock. Mr. W. L. Smith will address the members, the subject upon which he will speak being "Incandescent Lamps in the Illumination of Interiors."

The Institute has recently made a valuable purchase for the General Library of complete sets of modern language notes and of the American Journal of Phylogeny. Dr. James M. Crafts has given the library four volumes of *Handbuch der metallurgischen Hütten-*

kunder, and Mr. G. Eiffel, *Travaux Scientifiques exécutés à la tour de trois cents metres de 1889 à 1900.*

There will be a meeting of the 1904 Board of Directors, Friday, January 11th, at 1 P. M., in Room 26, Rogers.

The seventh course of the Lowell Lectures will be a series of twelve by Lyman Abbott, D.D. L.L.D. on "The Rights of Man."

All answers to Technique Questions must be in *at once*. Those who have not handed them in are requested to do so within the next two days.

Dr. Pritchett has been confined to his bed since January 1st with a severe attack of grippe, and will probably not be able to be out before next week.

Blue prints from the tracings made by members of the Architectural Society may now be ordered from the Committee which consists of Messrs. Henrich, '01, Holford, '01, Sayward, '01, and Adams, '02. At a recent meeting of the Society, Messrs. Goldenburg, '02, Pember, '02, and Jenkins, '03, were elected.

The sale of tickets for 1903 class pipes will close on Saturday, January 12th at noon. All those wishing pipes must get tickets on or before that date. Tickets for 1903 class canes are to be had of the Cane Committee, which consists of L. B. Rapp, H. O. Low, and H. A. Stiles. Those who wish canes are urged to purchase tickets at once.

#### Calendar.

*Thursday, January 10th.*—Architectural Society Meeting, Room 42, Pierce, 4 P. M. Reception at Technology Club to Freshmen Class, 8 P. M.

*Friday, January 11th.* The regular Tech Y. M. C. A. Meeting, Room 11, Rogers, 4 10 P. M. Electrical Engineering Society, Room 23, Walker, 8 P. M.

*Saturday, January 12th.*—Hockey game with Harvard, Soldiers Field, 2.30 P. M.

*Sunday, January 13th.* Regular meeting at Tech Y. M. C. A. Student House, 566 Massachusetts Ave., 4 P. M.

*Monday, January 14th.*—Regular TECH Board Meeting, TECH office, 1 P. M. Architectural Society Smoke Talk at Technology Club; Dr. Pritchett will address the Society at 8 P. M.

#### College Notes.

There are about 200,000 college students in the United States.

Bowdoin is to have a new \$150,000 library, the gift of an alumnus.

Cornell is to have a twelve-lap outdoor track. It is to be an oval, six feet wide and banked at the ends.

Harvard will soon establish an observatory at Jamaica for the purpose of making special observations of the moon.

The Bi-centennial committee of Yale has received \$900,000 in subscriptions for the contemplated improvements.

Columbia won the ninth annual inter-collegiate chess tournament, with Harvard and Princeton tied for second place.

Harvard, Yale, Princeton, Pennsylvania, Cornell, Brown, Michigan, Wisconsin, California, Leland Stanford and Minnesota have daily papers.

The oldest college in the world is Mohammed College, at Cairo, which was a thousand years old when Oxford was founded. It has 11,000 students.

Chicago University has recently received \$1,500,000 from John D. Rockefeller, of which \$1,000,000 is for endowment and \$500,000 for general expenses. Mr. Leon Mandell has also given \$25,000.

Harvard's new rowing tank in the University Boat House has been completed. It is sixty-three feet long, twenty-six feet wide and about three feet deep.

Lehigh University, having one of the best equipped cement laboratories in the United States, has sent out a letter to all county commissioners of Pennsylvania, offering to test hydraulic cements used on public works free of charge.



The basket-ball practise is held every Monday, Wednesday and Friday at the Normal School of Gymnastics.

The basket-ball game scheduled between Technology and Hyde Park for last Saturday was cancelled by the latter.

At a meeting of the Advisory Council on athletics last week the class baseball question was again discussed, but no decision reached.

Football subscriptions are being paid up very slowly. Collectors and others still owing money to the association should leave it at Box 71 "Cage."

Last Saturday's Hare and Hound run was postponed, owing to the ground's being frozen so hard as to make running difficult. There will be no runs until after the examinations.

Mr. W. L. Cook, '02, has been elected manager of the Varsity football team for next year. Mr. Cook was assistant manager during the past season, and since Mr. Hilken's resignation has had entire charge of football affairs. Mr. J. M. Grice, '03, will act as assistant manager.

Technology is to be well represented in the winter meet to be held under the auspices of the Boston Athletic Association on February 16th. Captain Frost hopes to enter a team of seven or eight men picked from those who made the best showing in the Winter Meet. Manager Parrock is endeavoring to arrange a Relay Race between our team and the Harvard or Brown Relay Team for the same evening.

### The Midway at the Pan-American Exposition.

Visitors to the Paris Exposition were rather surprised to find that the Midway feature had been given so little space and even less importance. The much talked-of Chicago Midway had seemed almost a part of Paris itself, so that great things were expected of last summer's Exposition; and the expectations were not realized.

To stray upon a Midway possessing a myriad of marvels will be the opportunity of visitors to the Pan-American Exposition next summer. The Midway has developed rapidly since the Chicago Exposition, when the strange things of the Plaisance were so much talked about. A number of newly accepted attractions have been announced. Among them are the "Indian Congress," depicting life on the Indian reservations in the West and Northwest; the great "War Cyclorama," by which will be reproduced in a realistic manner the chief battles of the late years; the "Infant Incubator;" the spectacular production of "Cleopatra;" the "Esquimaux Village;" the extraordinary illusion, "Around the World;" the "Scenograph," presenting realistic pictures of important events; the "Glass Blowers," who will give exhibitions of plain and fancy glass blowing in a specially constructed factory; the celebrated Turpin "Pan-Opticon," and "Jerusalem on the Morning of the Crucifixion."

In his "House Upside Down," which he will have on the Midway, H. Roltair has improved considerably upon the "House Topsy-Turvy," which was an attraction at the Paris Exposition.

The "Aerio-Cycle," the altitudinous novelty of the Exposition, will be illuminated by 2,000 incandescent lights and operated by power from Niagara Falls.

Other attractions of the Midway are "A Trip to the Moon," "Darkness and Dawn," "Streets of Mexico," "Hawaiian Volcano and

Theatre," "Venice in America," "The Beautiful Orient," "Japanese Village," "Animal Show," "Moving Pictures," "Dreamland," "Old Nuremburg," "Johnstown Flood," "Ostrich Farm," "Captive Balloon," "Scenic Railway and Rivers," and "Pabst on the Midway."

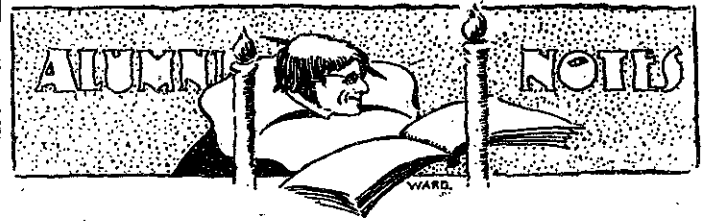
From the indications, then, Buffalo should have a Midway which, for variety of attractions as well as for the number of them, will surpass anything of the kind ever attempted.

#### Senior Class Dinner.

1901 held its annual dinner last evening at the Thorndike. About sixty men were present to enjoy their last undergraduate dinner. The cover design for the Toast list, a monk bearing a plum pudding, was the work of W. C. Appleton. P. H. Parrock, as toastmaster, called for the following toasts: "The Class," E. F. Lawrence; "War," R. W. Bailey; "The President," W. W. Dow; "Athletics," Ray Murray; "Our Degrees," W. J. Newlin. All were given in a jolly and entertaining vein and each was followed by music. The usual varied collection of stories was heard, after which the Seniors' last dinner came to an end.

#### The Walker Memorial.

The Walker Memorial Committee will send out, tomorrow, circular letters to all graduates and all under-class men asking for subscriptions, to raise the necessary \$50,000 before June. Enclosed will be a map showing the sites of the Institute buildings and the site of the proposed memorial, also a list of the subscriptions up to date, by the classes, the resolutions of the committee and of the Faculty, Dr. Pritchett's address at the dinner, and the report of the committee. A stamped return envelope and a subscription blank with a most urgent request for help is added.



'86. E. J. Wilson, III., is with the British American Corporation, New York.

'88. S. C. Hathaway, Jr., VI., is with Hathaway, Soule & Harrington Corporation, New Bedford, Mass.

'89. William S. Davenport, V., is studying at Clausthal, Germany.

'91. Morris Knowles, I., is assistant engineer in charge of Testing Station, Improvement and Filtration of the Water Supply, Philadelphia, Pa.

'92. Francis Walker, IX., has been appointed professor of political and social science at Adelbert College, Cleveland, Ohio.

'93. Frederick W. Hadley, VI., is superintendent of power plant, Boston Terminal Company.

'95. Walter N. Crafts, III., is superintendent of the Pittsburgh Steel Foundry, Glassport, Pa.

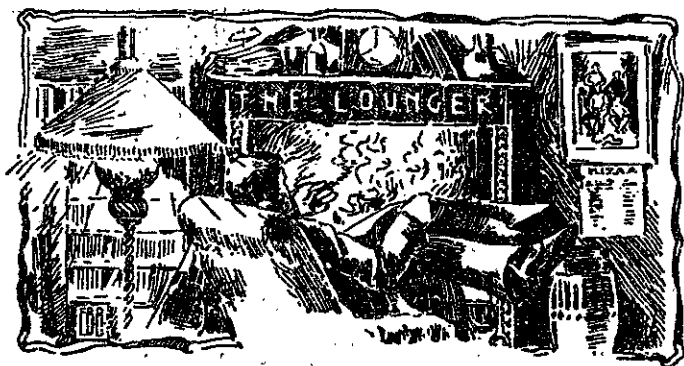
'96. William H. Thomas, V., is with the Colonial Bleaching and Printing Company, Montreal.

'97. Lucius S. Tyler, VI., is with the electrical department, Boston & Albany Railroad.

'99. John L. Tufts, V., is with the Laurel Hill Chemical Works, Long Island, N. Y.

'00. Herbert A. Macpherson, XIII., has left the Maryland Steel Company's employ, and is now with the Fall River Construction Company.

'00. T. W. Brigham, a former business manager of THE TECH, is with the Greenport Basin and Construction Co., Greenport, N. Y.



As THE LOUNGER ensconced himself in his easy chair and viewed with critical eyes through a haze of smoke, a new picture, presented for his criticism, entitled "M. I. T. '02," he was struck with the great improvement the aforesaid cloud of smoke produced on the picturesque, the artistic effect of the picture. It was to it as a heavy veil to one of our co-eds. The co-ed behind Br-w-r though evidently does not need a veil. It was indeed a fine photograph of the entrance to the Public Library, but THE LOUNGER humbly begs to suggest that it would have been better if the crowd had been kept off the steps. THE LOUNGER wishes to congratulate the class on its innovation of including the class motto in the class picture. It is in truth a motto suited to the class, devoid of all that is narrow and bigoted—"Free to all." Ah! see that face, peaceful and tranquil, raised toward the sky. How much like St. Cecelia P-mb-r looks! It does seem unfortunate that such a class as 1902 should be burdened with any of that almost extinct species of man (the word is misused here) which refuses to take off its hat in a class group.

THE LOUNGER is glad to note that this issue of THE TECH brings the semi-annual evangel of joy. He is also pleased to notice that in this little souvenir of the season that the usual number of pleasantries are present. He is, nevertheless, decided not to let any such trivialities alter his opinion of the Faculty or the administrative officers in the slightest. No doubt they are doing the best they know how. THE LOUNGER will continue to look pleasant and wish he were an architect until the seance is over,—and then rejoice that he is 'nt. But such a topic should not engage THE LOUNGER'S attention when another of deeper interest presents itself. In the last issue of THE TECH, an account of the Alumni dinner was given, at which the subject of the new gymnasium was brought up. Since then, THE LOUNGER has failed to hear an

objection to changing the old order of things and the abandoning of the old gymnasium without a regret. Does this indicate that the structure on Exeter Street is going straight into oblivion without a thought and without a protest? If such is the purpose, if the old casino is to be neglected, forgotten, then, for the sake of old memories, let the structure be brought up and placed beside the Walker Building and converted into an Art Museum or a theatre. If this institution is to go with so little protest, undoubtedly in time the Walker Building will disappear, and what examples of home industry will then be lost to which in the past, the architectural department has been fain to point with pride.

As THE LOUNGER cast aside his well blackened briar for the annual luxury of a cigar at the Lunch, he surveyed the faces of his fellow editors, beaming with good cheer and could not help thinking that, after all, the seat of supreme contentment is in the stomach. As the flowing bowl, a chemical combination varying from milk to champagne, went the rounds of the table THE LOUNGER saw all signs of memory and wisdom die out of the haggard faces; he saw fade out into the depths of obscurity the brilliant break perpetrated by the photographer when he requested the board to "try to look intelligent." He saw the anxious, wan looking countenance of his editor-in-chief grow happy and careless as his woes and troubles were drowned in the glass of good-fellowship, and as for THE LOUNGER he lost account of happenings about this time and retained only the impression that TECH Luncheons are altogether very enjoyable affairs. THE LOUNGER would suggest that they be held every Monday noon.

THE LOUNGER has noticed with much pleasure the entirely irreproachable conduct of his protegées, the Freshmen. They have not hung their drill instructor in effigy nor perpetrated such juvenile games in Military Science lectures as setting off alarm clocks and throwing pennies. In fact they have shown themselves, throughout the year, to be very well behaved little boys, as all Freshmen should.

It does seem unfortunate, on the other hand, that 1903 cannot get over its childish ways. It would seem that English Lit., Calculus and Physics should prove to be of such absorbing interest that the little Freshmen of but a few months ago would forget the spirit of play that is so constantly bubbling over, and settle down. Now that they have bought themselves pipes and canes wherewith to while away their spare time let us hope for a reaction. THE LOUNGER in his boundless pity and compassion would fain give them much advice as to the best way out of their present deplorable condition, but he will content himself with but this one admonition, "Be good! but if you cannot be good be careful!"

bobbs



# Young Men . . .

Will find our Stock replete with Latest Novelties in . . . . .

- RAIN COATS
- FANCY VESTS
- TUXEDOS REVERSIBLE
- SUITS
- OVERCOATS.

Our Special Hat, Style 2525

**\$2.00**

is equal to most hats sold for three dollars . . . . .


**Continental Clothing House,**  
Washington and Boylston Streets.

**THOMAS O. TURNER**  
**TAILOR**  
252 BOYLSTON ST.  
Boston, Mass.

Discount to Tech Students.

MEMBER OF THE CO-OPERATIVE SOCIETY.

"THE GIRLS ARE FOND OF THESE"



**TECH EMBLEMS.**

Greatest Variety.  
Lowest Prices.

**BENT & BUSH,**

387 WASHINGTON ST., BOSTON.

## Priest's Dining Rooms, 102 DARTMOUTH ST.

21 Meal Tickets,	\$4.00
7 Noon Dinners,	1.20
7 Dinners,	1.50

OPEN UNTIL MIDNIGHT.

AWARDED MANY PRIZES WHEN IN COMPETITION WITH OTHER PHOTOGRAPHERS, AND ESPECIALLY HONORED BY THE PHOTOGRAPHERS' ASSOCIATION OF NEW ENGLAND AT THEIR 4TH ANNUAL CONVENTION SEPT. 12-15, 1900, BY THREE SALON AWARDS.

### Announcement

**1901**

The . . .

**Senior Class Photographer**  
of Mass. Inst. Tech.

...IS...

**Chas. W. Hearn,**

STUDIO  
394 Boylston Street,  
(Near Berkeley St.)

Specially favorable rates to all students of M.I.T.  
Portraits in Carbonette Platinum and Carbon.

# LATROBE STEEL COMPANY.



Works,  
Latrobe, Pa.

Main Office,  
Philadelphia, Pa.

### "Twenty-Five Hundred Dollars in Prizes."

The College Essay Pub. Co. is preparing a monthly for college men and women and it solicits manuscripts and drawings from college students who may select their own subjects. Write for information circular.

#### "STUDENT'S LOAN FUND."

One half of the proceeds accruing from the sale of this monthly will be set aside as a loan fund for needy and deserving students. No interest will be charged on loans.

#### "A TRIP TO EUROPE FREE."

As the title of this monthly is not decided upon we submit it to the college student. Each student will be allowed one suggestion. His title must be accompanied with one dollar as a four months' subscription. The student whose title will be accepted by three judges will receive the above prize. Write at once as this offer closes February 1st, 1901.

COLLEGE ESSAY PUB. CO.

238 Tremont Street, BOSTON, MASS.

**"1902 TECHNIQUE  
Is Coming."**

"Wherefore Spend Money for That  
Which SATISFIETH NOT?"

Bright } BUY } Boston's  
Buyers } Y } Best

## The Crocker Pen.

IT FILLS ITSELF.

INSULATED, RELIABLE,  
VENTILATED, CLEAN,  
REGULATED, READY.

\$2.00 to \$10.00.

For Sale by Leading Stationers.

MAIN OFFICE:

CROCKER PEN CO., 113 Devonshire St.



Week Commencing January 14, 1901.

**Hollis Street Theatre.**— The very successful engagement of Miss Elliott and Nat Goodwin comes to an end this week. Next week Maude Adams, Boston's favorite actress, will begin a two weeks' production of Rostand's masterpiece, "L' Aiglon." The play has had a phenomenal run in New York.

**Colonial Theatre.**— "Ben Hur" has continued its successes and, if such were possible, it grows more popular every day. The staging is the best ever seen in Boston.

**Tremont Theatre.**— Stuart Robson continues in "She Stoops to Conquer," for the rest of the week. Next week the old favorite New England drama, "Way Down East," begins a limited engagement.

**Boston Museum.**— "San Toy," the famous Chinese-English musical comedy, has scored a great hit. James T. Powers is as funny as ever and creates laugh after laugh. The chorus is composed of seventy-five members.

**Columbia Theatre.**— "Miladi and the Muskateer," is light and clever and satisfies large audiences. The music is famous and the chorus is above the average. New comedians and features have been introduced.

**Castle Square Theatre.**— "Hazel Kirk" continues for the rest of the week. It is well given by the Castle Square Company. Next week an elaborate production of "Paul Kauvar," will be given.

**Boston Theatre.**— The Sembrich Grand Opera Company in Grand Opera.

**S. SIMONS,** Tel. 1509-2, Haymarket.  
**Leading College Shoe Man.**  
 Low Black Calf a Specialty.  
 46 Charles Street, and 45 River Street,  
 BACK BAY, BOSTON.

**HERRICK** TICKETS Copley  
 ALL THEATRES Square.  
 Telephone 608 and 950 Back Bay.

**LONDON BOOT SHOPS.**

Our business is devoted chiefly to



**YOUNG MEN'S SHOES.**

Our Shoes are made on the newest English models, staunch and up-to-date.  
 10 per cent discount to "Tech" Students.

**COES & STODDER,**  
 78 Boylston Street, and 14 School Street, Boston.

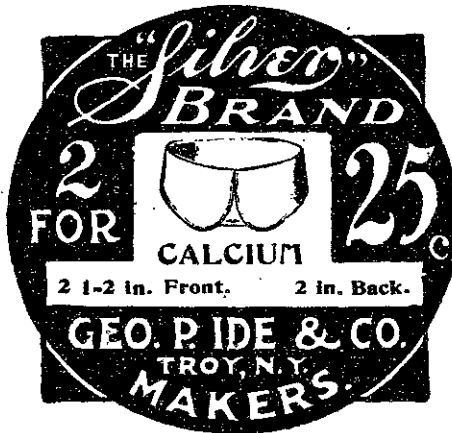


**A. S. ADAMS**  
 Maker of the Official  
**M. I. T. Pin**  
 8 Winter St., BOSTON.



**THOMAS HOOPER,**  
 Maker of  
**CUSTOM SHIRTS,**

352 Washington Street, BOSTON.  
 Telephone 2902 Boston.



**MISS POST,**  
 Dancing and Deportment,  
 Pierce Hall, Copley Sq.,  
**PRIVATE LESSONS AND CLASSES.**  
 Office hours from 9 to 11 a. m.

**S. C. KEITH, JR., '93,**  
**BACTERIOLOGIST**  
**AND CHEMIST,**  
 394 RUTHERFORD AVE., CHARLESTOWN, MASS.

**Landers'**

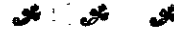
Always Open  
Quick Service  
Polite Attention

**Famous Coffee House**  
**and Lunch Room.....**

**For Ladies and**  
**Gentlemen.**

**Lunches Put Up**  
**To Take Out.**

Our Coffee is Unequaled in the City.



189 Columbus Ave., cor. Berkeley.  
 695 Washington Street.

I. N. LANDERS, Proprietor

H. E. SANDERS, Manager

Flowers.

Candies.

**The Thorndike Flower Store,**

230 BOYLSTON STREET,

Next to the Thorndike.

Tel. 101 Back Bay.

**SPECIAL DISCOUNT TO STUDENTS.**

**GYMNASIUM**

Physical Training.  
 Keep in good condition by  
 using our Gymnasium.

**Boston Young Men's Christian Association,**

Boylston and Berkeley Streets.

**Terms for Non-Resident Students, \$8.00 for College Year,**

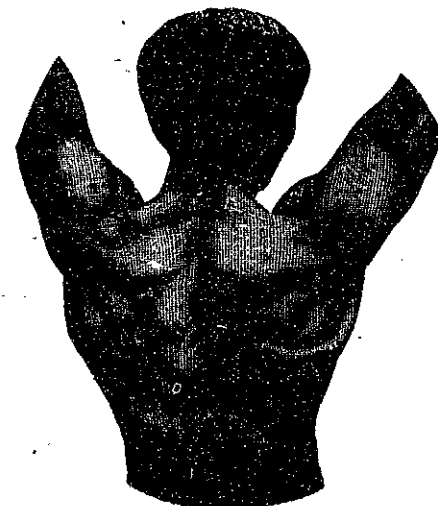
Including all other privileges of the Association.

**FULL TERMS, \$10.00 per year.**

Medical Supervision; Fine Apparatus; Convenient Lockers; Frequent Classes;  
 Free Instruction; Shower, Sponge, Spray, and Steam Baths; Running Track  
 (raised corners.) Open 9 A.M. to 10 P.M. Massage Department (services reasonable.)

**ROBERT J. ROBERTS, Sr., Director.**  
**GEO. L. MEYLAN, M.D., Medical and Physical Director.**  
**N. E. SANDERS, A.B., Assistant Physical Director.**  
**W. H. BENNETT, Asst. Physical Director.**

**GEORGE. W. MEHAFFEY, General Secretary.**



# The Bath's the Thing.

## TURKISH BATH

Removes all impurities, clears the brain, and sends the blood tingling through the body. The best baths in Boston are the

### TREMONT TURKISH BATHS,

Adolph Lundin, Prop. 176 Tremont St., Boston.  
Under the Tremont Theatre. Tel. 625 Oxford.

Young's Hotel  
Parker House  
Hotel Touraine

BOSTON, MASS.

J. R. WHIPPLE & CO.

# Royal

## Dairy Lunch,

11 & 12 Park Square,  
BOSTON.

A. C. STONE, Proprietor,  
C. H. MANSFIELD, Manager.



OPEN ALL NIGHT.

LUNCHES put up to take out.

## Wright & Ditson, LEADING BASEBALL OUTFITTERS.

Wright & Ditson's Intercollegiate Base Ball is specially adapted for school and college matches	\$1.25
Wright & Ditson's League Ball,	1.00
Wright & Ditson's League Bats are finely balanced, thoroughly seasoned, and are hard drivers,	.75
League Bat,	.75
College Bats,	.50
Amateur Bats,	.25
Special College Catchers' Mit, { Extra Large,	7.00
{ Ordinary Size,	5.00
Best Baseman's Mit,	4.00
Best Fielder's Glove,	2.50

Uniforms, Shoes and other Supplies are the best. Send for Catalogue containing Price List of Golf, Tennis, Football and General Athletic Goods.

WRIGHT & DITSON, 344 Washington St., Boston.

ALL GOODS REQUIRED BY  
STUDENTS AT

# MacLachlan's,

214 Clarendon Street.

Drawing Instruments and Materials, etc.  
Fountain Pens, Text Books.

# EGYPTIAN DEITIES

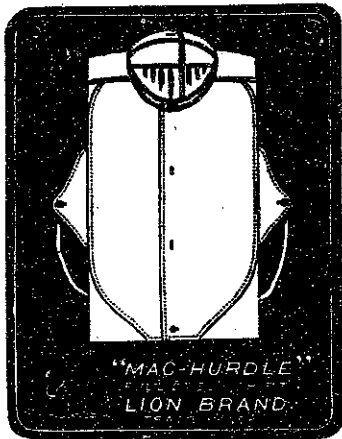
"NO BETTER  
TURKISH  
CIGARETTES  
CAN BE MADE"

## Students, Attention!

At TRINITY COURT PETIT LUNCH, one minute's walk from Technology buildings, you can get the best and at the most reasonable prices in Boston.

Service and cuisine unexcelled.

TRY US.



Patented Perfect Fitting

### MAC-HURDLE FULL DRESS SHIRT

Never bulges no matter under what condition of body posture it is worn.

Ask for "LION BRAND" Shirts, Collars and Cuffs. Made to fit each other.

United Shirt & Collar Co.,

Makers,  
TROY, N. Y.

# St. Botolph Hall

## Cafe

38 St. Botolph Street.

\*\*\*

Service and  
Cuisine  
Unexcelled.

\*\*\*

G. R. HOWARD.

# THE BRUNSWICK,

## BOSTON.

Boylston and Clarendon Streets,

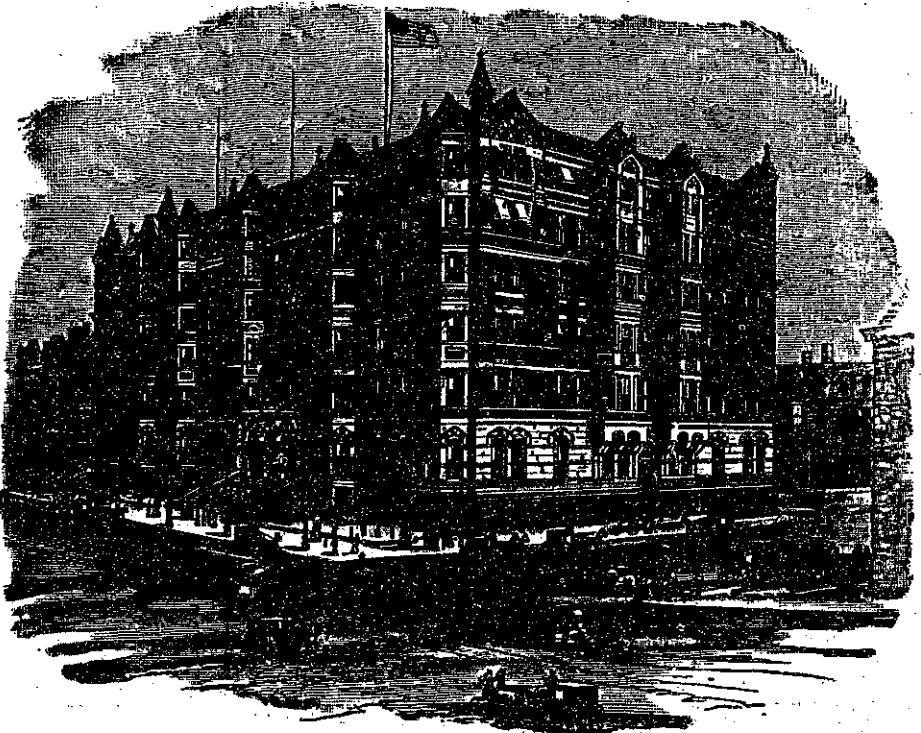
(Adjoining Copley Square.)

Near the Museum of Fine Arts, New Public Library, New Old South Church, and opposite Trinity (Philips Brooks') Church and Institute of Technology.

KEPT ON BOTH AMERICAN  
AND EUROPEAN PLANS.

BARNES & DUNKLEE, Proprietors.

H. H. BARNES, Manager.



In writing advertisers kindly mention THE TECH.