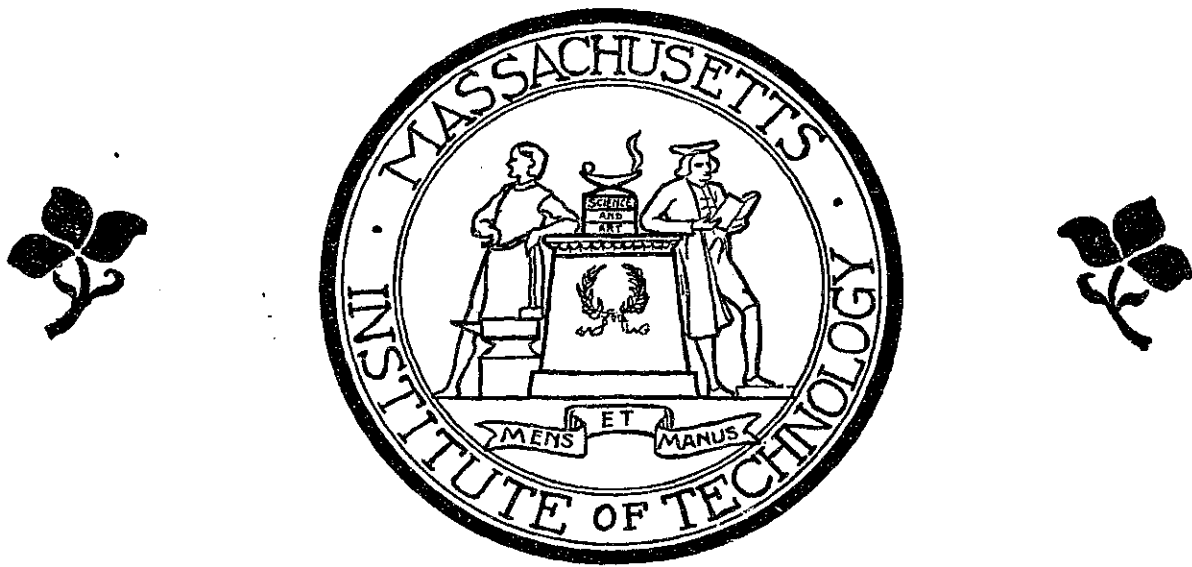


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The Tech



First Number

October 9
1902

Vol. 22
No. 1

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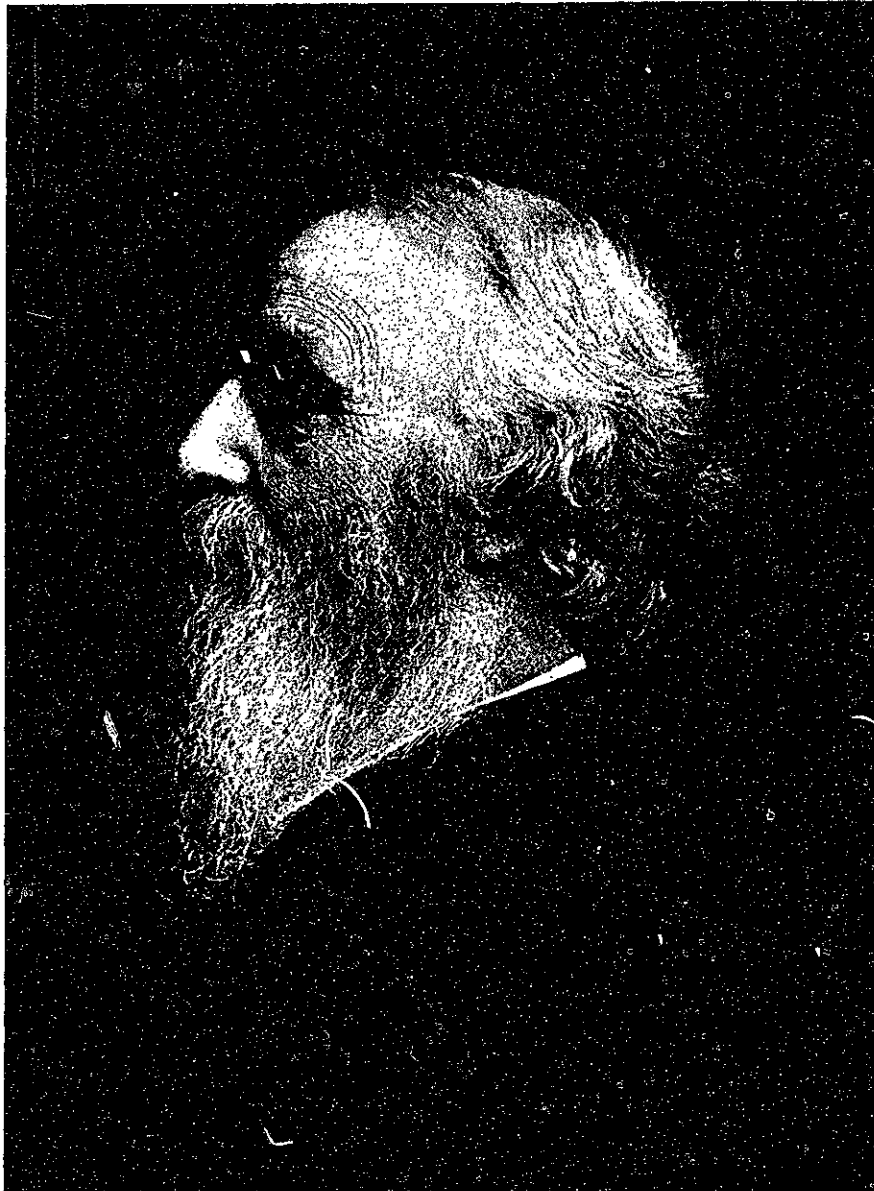
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John D. Runkle.

THE TECH

VOL. XXII.

BOSTON, OCTOBER 9, 1902.

No. 1.

THE TECH

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

G. E. ATKINS, 1904, *Editor-in-Chief*.
G. W. EASTMAN, 1904, *Assistant Editor-in-Chief*.
H. W. GODDARD, 1904, *Secretary*.
C. H. GRAESSER, 1905, *Alumni Editor*.
RICHARD C. TOLMAN, 1903.
H. S. MORSE, 1903.
R. A. PENDERGAST, 1903.
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WALDO TURNER, 1905, }
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OFFICE: 30 ROGERS, 491 BOYLSTON STREET.

OFFICE HOURS:

Editor-in-Chief, Tuesday, 12-1 P.M.
Business Manager, Monday, 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.

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

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

Entered in Post-office, Boston, Mass., as Second-class Matter.

Puritan Press, Boston.

ACCORDING TO THE CATALOGUE.

TECH has opened, in good old Tech fashion, with a rush. October the 1st was four long months in the future; but it has come and gone, and we're here. We exchanged hearty handshakes all round, compared notes on the summer's experiences, then plunged into the work; and it's good to be here. Many a time in the next eight months will we question this reflection; but if we're of the stuff that's worth while, when we feel ourselves going under we'll struggle again to the top and say: "It's good to be here."

* * *

CHANGES.

THE Technology student returning from his summer vacation to his winter's work finds many changes in the external arrangements and the internal workings of the Institute. No one observes and comments on these changes with more interest than the student, and, as a whole, the student opinion seems to be an expression of unqualified approval of the changes made and appreciation of these efforts to give an increased efficiency to the educational machinery of Technology.

We noticed, first of all, and with great interest, the new "shingles" of the Registrar and Recorder, indicative as these were of the changes in administrative organization of the Institute. Next was the striking transformation of the old familiar "Room 11" into new and commodious quarters for the Dean and the Secretary. These officials now work on the historic ground of many an exciting "Descrip" lecture and stormy class meeting, and no doubt will absorb additional energy and inspiration therefrom.

Walker Building has also been the scene of important changes, rendering it much more roomy and convenient for the Chemical Department. Room 35, familiar to all former Freshmen as Professor Pope's lecture-room, has been denuded of seats and transformed into a new Freshman laboratory. The second floor (in the rooms formerly occupied by recitation rooms) has been fitted up as an overflow laboratory for upper-class students in analytical chemistry.

To those of us who have not seen Boston papers during the summer, it was a surprise

and a pleasure to find the much-talked-of Electrical Building so soon a reality, even if in temporary form. The *Evening Transcript* says that when it is completed it will be the finest and most thoroughly equipped electrical engineering laboratory in this country, — perhaps in the world.

So much for the principal material changes we have noticed in Technology. There are other *immaterial* changes that are to be felt rather than seen. Is it a pleasant summer vacation that makes Technology seem so happy a place? The spirit and enthusiasm of "Beginning" seems everywhere in pleasing contrast with the spirit of "Getting through," so prominent four or five months ago. Is it possible that these men with sun-tanned faces, bright, welcoming smiles and hearty handshakes, are the same we remember as pale with late night work and worry over "exams"? Some familiar faces are not here, and though thankful that we could ourselves return to our "Tech" work, let us be sobered a moment as we think of the classmates who for many reasons have dropped by the wayside, and who may not share with us the advantages of these new improvements and changes in our Technology home.

* * *

THE FRESHMAN.

YOU'RE WELCOME. What's a college without the Freshman? What would THE LOUNGER do without the Freshman and the co-ed? Who would forego the pleasure of seeing the Freshman eat his hash from the lunch-room counter? But don't mind, Freshman, the hash tasted just as good, and as Mr. Burrison says: "You probably paid for it." Again, you're welcome.

JOHN DANIEL RUNKLE.

During the past summer came the announcement of Professor Runkle's death. To those who were familiar with the history of the Institute, the sad news came as a reminder of those early, struggling days, when his untiring energy meant life and future to the college; but to those of us who have known him in the class-room, who have learned to love him as we learned our calculus, his death is a personal loss, the departure of a dear and honored friend.

From the very beginning of the movement, Dr. Runkle was actively connected with the foundation of the Institute, and in 1865, as its first secretary, notified Professor Rogers of his election as president of the Massachusetts Institute of Technology. During the next three years Professor Runkle's work, both in co-operation with the president and as head of the Department of Mathematics, was invaluable to the Institute. In 1868, owing to President Rogers' illness, Professor Runkle was appointed acting president of the Institute. Two years later, on account of continued ill health, Professor Rogers was obliged to resign completely the office of president, and in so doing recommended Dr. Runkle as his successor in the important position. Professor Runkle was elected president in October of the same year, and most loyally discharged the heavy duties of that office until 1878.

This was a most important and critical period in the growth and life of the new-founded college. The treasury of the Institute had been terribly crippled by the recent erection of the new Rogers Building, and the college was at first confronted by the pressing need for more room, and later, after the panic of '73, by the no less disheartening decrease in the number of students. In spite of all the difficulties of the situation President Runkle never faltered in his unswerving

loyalty to the Institute, and its growth in breadth and scope never halted for a moment. During his administration there occurred numerous events of the greatest possible importance to the development of the Institute and of lasting effect on its policy and educational power. The laboratories of mining, engineering and metallurgy were then established by his initiative and under his encouragement. He was the first to try the fruitful experiment of holding summer schools for professional field work. It was he who saw the great educational value of the Russian system of shop instruction, and introduced that system, with all its advantages, into the Institute; he was the first, moreover, to recognize its great benefits for general secondary education. Among the other important developments of his presidency were the beginnings of a laboratory of mechanical engineering, the growth and enlargement of the physical laboratory, the admission of women as students to the Institute, and the erection of a gymnasium and lunch-room.

After Professor Runkle's retirement from the presidency in 1878, he still retained his place in the corporation and faculty of the Institute, and still exhibited that loyalty to its interests which so eminently marked his presidency. After an absence of two years in Europe, where he was able to study and investigate the scientific and industrial schools of the continent, he returned once more to his work in the classroom — returned again to the student friends who will always most deeply cherish his memory.

Tech Y. M. C. A.

This fall the Young Men's Christian Association has been unusually busy. The regular reception to new students was given Friday, Oct. 3, in the general library. Dean Burton, Professor Porter and E. S. Baker spoke.

Nearly three hundred were present, and all seemed to be having a jolly evening. It is to be regretted that more of the Faculty and upper-class men do not every year take advantage of meeting new students at this time.

Another activity of this society which has more than ever before lightened the woes of Freshmen was the Information Bureau. For some days there were always one or two men at the table in Rogers, telling new students how to get to examinations, how to register, and all the intricate workings of getting settled. A long list of rooms (every one of which had been visited) were furnished, and men were sent out with those who did not know the way about town. In this way about fifty rooms were found.

Editing, publishing and distributing the handbooks was another kindness extended us by the Y. M. C. A. About twelve hundred — the entire edition — have been given away. Almost everyone knowing the worth of this little book tries to secure one.

The Bible-study classes will commence work on Sunday, Oct. 12. Two classes will be conducted: one, led by Mr. Kenison of the instructing staff, will study the Acts and the Epistles; the other, led by Mr. Smiley, intercollegiate secretary, will study the life of Christ. Both classes will meet at 4.30 P.M., Mr. Kenison's at the Y. M. C. A. Student House, No. 240 West Newton Street, Mr. Smiley's at the City Association Building, No. 458 Boylston Street. Everyone who can is urged to identify himself with one of these two classes, at this first meeting.

An office on the first landing of Engineering B is to be given the society this year. All these things, together with the Student House at 240 West Newton Street, and the boys' club, an account of which will be found in another issue, are showing Tech that its Y. M. C. A. is really worthy of the greatest respect.

President Pritchett's Address to the Freshmen.

President Pritchett, in behalf of the Institute, tendered the Freshmen, Oct. 1, in Huntington Hall, a cordial welcome to their life at Tech. His address, though given to the entering class, is well worthy of the consideration of the whole student body. He spoke as follows:

It is a pleasure to greet so many new faces, and no less a pleasure to recognize many familiar ones. To each of you, whether you belong to the one class or to the other, the Institute of Technology extends through me a hearty welcome to its work and to its play, to its joys and its disappointments, to its struggles and to its friendships. You will find that life here means work: good, hard, earnest work, such as no healthy and energetic man ought to be afraid of. You will find, also, I hope, that the life here means wholesome play and good fellowship, and the growth of strong friendships. And in all this I wish you joy and success. I trust you will understand that this is only a preliminary meeting, and that I am to see your faces often as time goes on.

Those of you who begin your life in the Institute to-day find some new friends to greet you whom former classes have felt the lack of. For a long time, with the growing numbers of students which have come to us, it has been felt that additional executive officers were needed, and to-day you will find, beside those who have always been a part of the Institute, the Dean and the Medical Adviser, the Registrar and the Recorder.

The Dean, as you have probably already discovered, has long office hours, and he is here to advise you as to choice of studies, as to the best way to accomplish your end in coming here. The Medical Adviser is himself a graduate of Technology, and one who knows from his own experience the difficulties and the ills of student life. Each of these officers is here to do the best he can to help you as men to accomplish that for which you came here. And, while remembering the new officers, I hope you will not forget the old ones,—the Bursar, the Secretary and the President.

There is a deal of good advice which I am strongly tempted to give you. In truth, when one is so fortunate as to have five hundred Freshmen as an audience, the temptation to give advice is almost irresistible; and one easily loses sight of the fact that advice, though it be ever so good, is much easier to give than to follow. The great master of English literature indicated a universal human trait when he put into the mouth of Portia the words: "If to do were as easy as to know what were good to do, chapels had

been churches and poor men's cottages princes' palaces. It is a good divine that follows his own instructions; I can easier teach twenty what were good to be done, than to be one of the twenty to follow mine own teaching." While this slowness to learn from the experience of others is almost universal, it is still true that this is just what the educated man is expected to do. One of the great advantages of education is the preparation which enables a man to learn from other people without having to wait to learn bit by bit from his own hard experience. A large part of your training here is to go toward the development of the faculty of using the experience of other men, the accumulated experience of the world. The man who can profit by the experience of others will outstrip the man who can learn only from his own mistakes. Education ought to give a man a great advantage in this direction.

Perhaps you will bear with me if I make one suggestion, drawn from my own observation of students in the Institute. I have seen weak boys enter the Freshman class, carry their work with ease and success, and develop strong bodies under it by intelligent exercise. I have seen students who were physically strong enter at the same time and deteriorate steadily in physical condition and ability to work, owing to the neglect of their bodies. You cannot do a man's full work in the world, either here or elsewhere, unless you can unite a vigorous body with an active mind. You can do this here, as you can in all positions in life, by intelligent planning. And you will find in the director of physical work a friend who will gladly show you how best to conserve health and strength, if you have but the patience to follow his instructions. There is no work, here or elsewhere, that calls for the sacrifice of health or strength. Lack of intelligence or lack of energy are the causes of poor physical condition in most cases, and the men who suffer thereby discover only too late that the world has little room and less consideration for weaklings.

There are great reasons, it seems to me, why you who are to be the engineers of this next generation should be strong men—strong in body and in mind and in character. For there is coming to you every day a larger and larger share in the leadership of the world. This country of ours will have serious problems to solve in your time, and it will need most of all intelligent leadership in its citizens. And it is to be remembered that leadership does not of necessity mean a general's sword or a seat in congress, although I do not think it entirely creditable to the engineer that there should be 291 lawyers and not a single engineer amongst the lawmakers of the country. Leadership is needed in all directions of national life, commercial, industrial, political and religious. The engineer is coming to have, year by year, a larger contact with the great underlying forces which move

society. His work as a sanitary engineer in our cities, as a mining engineer, as a civil engineer in development of transportation, as a chemical and as an electrical engineer, is bringing him face to face with the great economic questions which are entwined with our political and social development.

Take such a situation as that which confronts the industrial community to-day. For five months a great industry upon which the comfort and life of millions depend has been paralyzed. Some solution must be found by which such quarrels may be made impossible. Some fair and just way must be devised by which combinations of men which take into their hands public, or quasi-public power, must accept the responsibility which ought to go with such power, whether these combinations be of labor or of capital. The engineer, in the very nature of his calling, gives a hand to capital on the one side and to labor on the other. He stands in a place where he has the best opportunity to contribute to the solution of this and kindred economic problems, if he have the power, the understanding and the sympathy which go with intelligent leadership. Be strong enough men for leadership.

And that you may do this, aim high here in your Institute work. For, after all, the real test of a man is not the examinations which other men give him,—it is rather the examinations which he gives himself. The standard of your own judgment is that which is to determine whether you will do well or ill, and not the standard of other men's judgment. If your standard is a low one in duty, in efficiency, in service to other men, no standards set up by other men will aid you. Each man is his own final judge, and men do not lead who set their judgments low.

Dr. Louis Duncan.

Dr. Louis Duncan, the next speaker before the Society of Arts, is one who is well known in the scientific world as an authority in regard to electrical phenomena. He has just been appointed by the corporation, professor of electrical engineering, and head of the Electrical Engineering Department.

In 1880 Dr. Duncan graduated from the United States Naval Academy. The years 1880 to 1885 he spent in study and research. In 1885 he received the degree of Ph.D. from Johns Hopkins University, and in 1886 he went there to start a course in applied electricity. In 1898 he resigned from that university, and served as major in the First

Regiment of Volunteer Engineers, during the Spanish-American War. Since that time he has been engaged in engineering work.

Dr. Duncan is a member of the Mathematical Society of France, of the American Philosophical Society, and is an honorary member of the Franklin Institute. He has also twice been president of the American Institute of Electrical Engineers.

NOTICE.

The few remaining copies of the 1903 *Technique* will be put on sale Wednesday, Oct. 22, in Rogers Corridor. Price, \$1.50.

The Electrical Engineering Society Smoker.

The Electrical Engineering Society had a very pleasant gathering at their Smoker Tuesday evening at the Technology Club. President Welsh introduced Professor Cross, who gave a short reminiscient review of the growth of electrical engineering at the Institute up to the present. Dr. Duncan then gave a brief view of its future scope. Words of advice or encouragement were also received from Professors Puffer, Laws, Clifford and Derr. The Smoker was a most auspicious opening to the series of meetings of the society for the year, and was thoroughly enjoyed by all present.

Medical Adviser.

Dr. Franklin W. White, 416 Marlboro Street, a graduate of the Institute, has been appointed medical adviser for students, and will address them during the year on personal hygiene. He may be consulted by students any Tuesday afternoon between 4 and 5 o'clock in Room 13, Rogers, without payment of fee.

Communications.

The Editors do not hold themselves responsible for opinions expressed by Correspondents.

To the Editors of The Tech:

GENTLEMEN: May I through your columns call attention to the Hare and Hounds Runs held under the management of the Cross-country Association. These runs are from five to eight miles in length, and are held every suitable Saturday afternoon during the fall and spring in the country around Boston.

These runs are held for pleasure, and will be short, slow and easy at first, gradually increasing in speed and length until a fair standard of running is reached. This work is endorsed by the captains and trainers of the Track and Cross-country Teams, and they desire all who like running to come out and try, for the first few runs, at least

The value of such work as a foundation for athletic training is shown whenever Englishmen who have done cross-country work regularly for years seldom fail to capture long runs on the track. It is also healthy exercise as a change from hard study. Candidates for cross-country team should also run unless otherwise ordered by the team captain.

On behalf of the Association I wish to invite every able-bodied man in the Institute to come out for as many of the runs as possible. Men who have never had experience in this work are urged to come out for the first runs, as these will be shorter and slower than those later on.

Our first run of the season last Saturday at Wellesley Farms was exceptionally well attended, considering only two days' notice was given. Thirty-eight men came out, and all finished well together. The day was ex-

cellent and the trail good. Holcombe, '04, and Haynes, '04, were hares, and covered the $4\frac{1}{2}$ miles in 40 minutes. The first hound in was Lorenz, '05, followed by Burke, '05, and Ovington, '04. The time of the hounds was 44 minutes.

The run next Saturday will be from Winchester. There will be shower-baths with hot and cold water, at finish, which is better than the average run can furnish. If stormy the run will be postponed, and due notice given on Rogers' Bulletin Saturday morning.

G. P. PALMER,

Chase Captain.

To The Tech:

I wish to call the attention of the lower classmen to the need of more candidates for the cross-country team. The team has suffered heavily by the loss of its best runners, so that the chance of making the team this year is unusually good. That there is a chance for men with little or no running experience is shown by the fact that two of the men who made the training-table squad had never run before coming out for the team; one of these men ran on the final team.

In order that a strong team may be turned out under the present conditions it is imperative that we have a large and enthusiastic squad in training. I hereby call for more candidates to come out and begin training at once. New men should come out *now*, because soon we shall be obliged to do work too severe for a man who has not warmed up.

Report at Gym, equipped for outdoor running, at 4.30 P.M.

FREDERICK H. HUNTER,

Acting Captain, M. I. T. Cross-country Team.

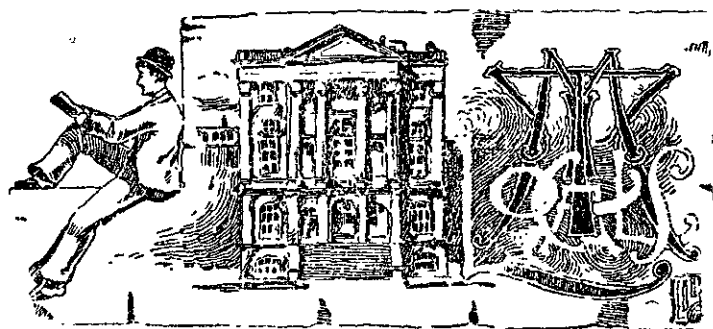
Calendar.

Thursday, Oct. 9.— Address in Huntington Hall by Rev. W. Rainsford at 2 P.M.

'04 Technique Board meeting at 4 P.M.

Saturday, Oct. 11.— Hare and Hounds Run at Winchester.

Monday, Oct. 13.— Regular Tech Board meeting 1 P.M.



Take your troubles to the Dean.

Be loyal and subscribe to THE TECH.

Put your influence with the Tech Y.M.C.A.

P. G. L. Hilken has again joined our ranks.

The '05 Relay Team practice began Wednesday, Oct. 9, at the Gym.

Freshmen, prepare to buy a '03 *Technique* when they are put on sale.

Now is the time to engage your locker at the Gym.

Nominations for Senior Class officers must be in before 1 P.M. Saturday, Oct. 11, 1902. They may be left at the "Cage" for "Secretary, '03."

The '03 Board of Directors' meeting of Oct. 2 was postponed until Thursday, Oct. 9, in the Trophy Room.

While Dr. Pritchett was in Chicago the alumni had an opportunity to meet him and hear about the work and play at the Institute during the past year, and of the prospects for the future.

President Pritchett will represent the Institute at the inauguration of President Woodrow Wilson at Princeton.

Dean Burton will be the official representative of Tech at the inauguration of President Edmund J. James at Northwestern University, Evanston, Ill., on Oct. 21.

Nominations for Junior Class officers must be in before 1 P.M. Saturday, Oct. 11, 1902. They should be left at the "Cage" for "Secretary, '04."

Rev. William Rainsford will address the students and members of the instructing staff Friday, Oct. 10, at 2 P.M. Recitations scheduled at 2 P.M. will be postponed until 2.30. The President desires a full attendance.

Dr. Pritchett was convocation speaker last June at the forty-second quarterly convocation of the University of Chicago. His subject, "The Service of Science to the University, and the Response of the University to that Service," was of particular interest in view of the recent affiliation of the Armour Institute of Technology to the University of Chicago.

Notice to Undergraduates.

It is the wish of THE TECH that it should be understood that positions on the editorial and business staff of THE TECH are open to all undergraduates, including Freshmen, and that such positions are determined only by the quality and amount of work handed in. Further information regarding the editorial work may be obtained from the Editor-in-Chief (office hour, Tuesday, 12-1). For information regarding the business staff, address the business manager (office hour, Monday, 12-1).

How careful all fond lovers are
 Never to be harmed.
 It's very seldom that a pair
 Is ever caught unarmed.—*Ex.*

Co-operative Society.

The Co-operative Society has this year been more in evidence than before because of the ticket table in a prominent position in Rogers Corridor, and the distribution of neat folders explaining the purpose of the society. Those who have not yet read one of the folders will do well to do so at once. The Co-operative Society has been generally misunderstood and occasionally sneered at—particularly by upper-classmen, who should know better. In the matter of books alone, every student at the Institute is indebted to the society. Books are sold at the Co-operative Book Store by the agent of the society, at the publisher's price plus a very small amount to pay for rent, clerk hire, etc., and, if any dealer about town gives the same rate, it is because he knows that he is in competition with the society, and hopes to gain the buyer's trade. Thus, wherever the student gets low rates on books, he can thank the Co-operative Society for his saving. At the Co-operative stores in the Engineering buildings it is the aim to sell staples, not at cost, but at a price as low as that to be obtained anywhere in the city. Strict account is kept of the sales, and all profit arising therefrom goes into the Co-operative Scholarship Fund, which last year amounted to over \$600. In addition to all the benefits due to the society and enjoyed by *all* the students, members save anywhere from one to ten dollars a year on their purchases about town. To be benefited a member must, of course, use his ticket when he buys. Those who have thus used their tickets come around regularly at the beginning of the school year, buy a Co-operative ticket, and express naught but satisfaction in their investment. Those who never owned a Co-operative ticket or who have had one but were too lazy to use it, are the only fault-finders, and, after all, the laugh is on them. If, during the year, the student buys but five dollars' worth of goods aside

from books, he can easily save the cost of his ticket, and he can have the satisfaction of knowing that what he put into the ticket is doing good in a scholarship fund.

Electrical Engineering Society.

At a meeting of the Electrical Engineering Society held in Room 21, Eng. A., Saturday, Oct. 4, a new constitution was presented and adopted. It is a great improvement over the old constitution, which was lax, and very inadequate to the needs of the society.

It was voted to hold an informal smoker in honor of Dr. Duncan and Professor Cross. These smokers are to be made much more prominent than in past years, and will do a great deal toward the welfare of the society.

Two new members were voted into the society,—D. A. Smith and P. S. Wilson. Students of Courses VI. and VIII. are eligible for membership, Juniors and Seniors to active, and Freshmen and Sophomores to associate membership.

The officers of the society are: J. W. Welsh, president; R. W. Eaton, vice-president; W. M. Gilker, secretary and treasurer; the executive committee: S. H. Lee, chairman, G. H. Clark and F. B. Crosby.

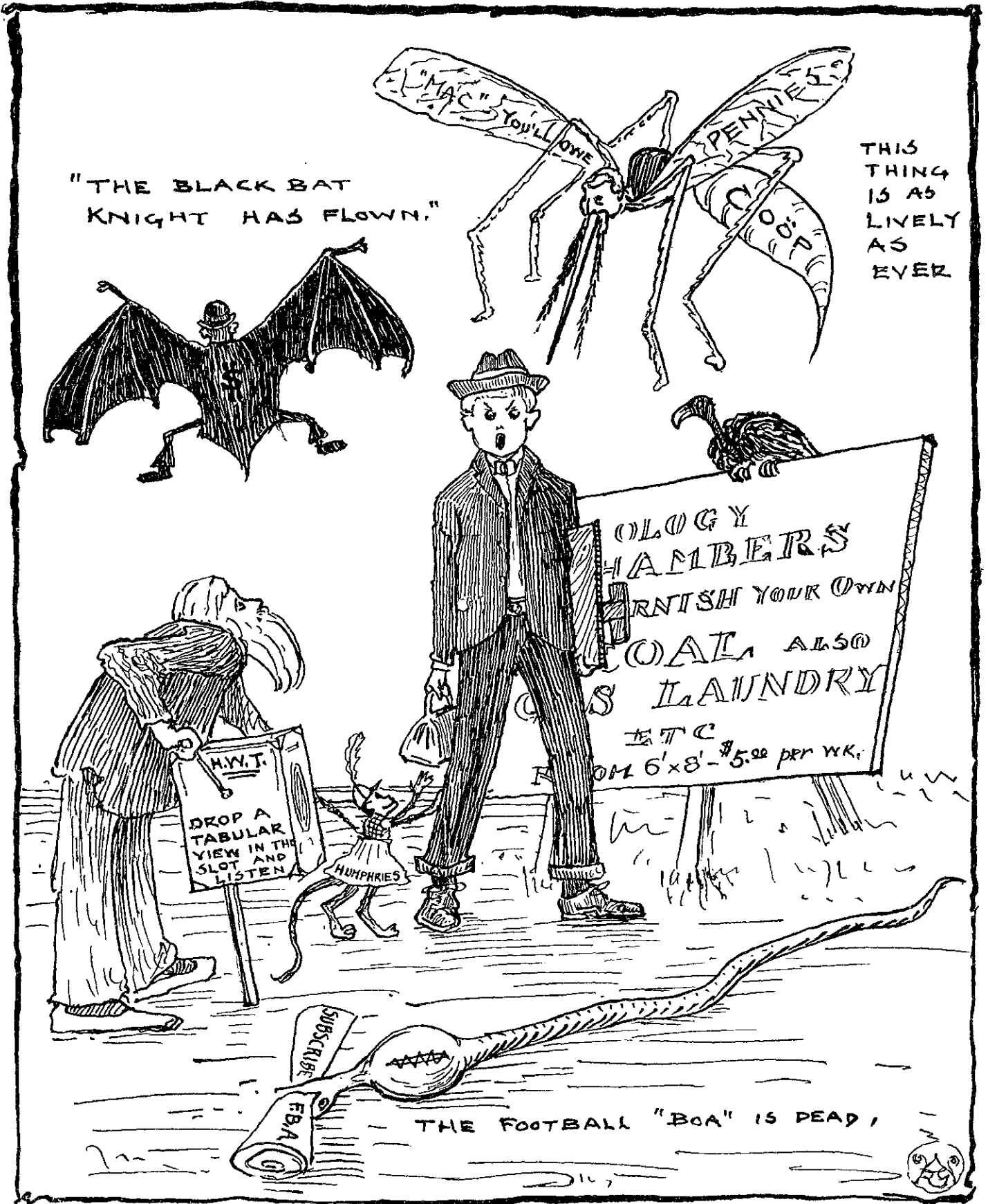
The Society of Arts.

The 569th regular meeting of the society will be held at the Institute, Lowell Building, Clarendon Street (just south of the Grundmann Studios), on Thursday, Oct. 9, 1902, at 8 P.M.

Dr. Louis Duncan, director of the Department of Electrical Engineering, M. I. T., will address the society on "Long Distance Electric Railroading."

Members are requested to invite friends interested in the subject.

GEORGE V. WENDELL,
Secretary.



"THE BLACK BAT KNIGHT HAS FLOWN."

THIS THING IS AS LIVELY AS EVER

COLOGY CHAMBERS FURNISH YOUR OWN COAL ALSO CO'S LAUNDRY ETC FROM 6'x8' - \$5.00 PER WK.

H.W.T. DROP A TABULAR VIEW IN THE SLOT AND LISTEN

HUMPHRIES

SUBSCRIBE

F.B.A.

THE FOOTBALL "BOA" IS DEAD,

Gil



'83. David Wesson, V., is managing the refineries of the Southern Cotton Oil Company and Wesson Process Company, at Savannah, Ga.

'87. John W. Stearns is now engineer of maintenance of way of the W. Va., C. & P., Elkins, W. Va.

'93. W. A. Clapp, I., has recently accepted a position in the United States government service at Diamond Island, Portland, Me.

'96. Bradley Stoughton, III., is now an instructor in metallurgy in the School of Mines of Columbia University.

'97. I. C. Atwood, I., is engaged as assistant engineer on filtration of Philadelphia's Water Supply.

'01. J. S. Bronson is manager of the branch office of the Cumberland Mills in Birmingham, Ala.

Cross-country.

The Cross-country Association started the fall campaign promptly with the opening of the term. S. T. Worcester, '04, the captain, did not return to Tech this fall, as he is in poor health. Mr. Worcester expects to return next year.

F. H. Hunter was appointed acting captain until the vacancy can be filled by election. A call for candidates was issued, and Captain Hunter has had a squad out every afternoon for a week, to warm up with easy runs from the Gym. A. J. Sweet, '04, is coaching the runners.

The team this year is severely handicapped by the loss of Peaslee and Worcester, two of the strongest runners. Although the call has brought out several of last year's squad

and some promising new men, there is need of many more men from the lower classes, in order that the competition for the team may be keen.

Technology in the South End.

For some time a need for a broader student life has been felt. Our regular class-room work aims at training a specialist. New students will soon recognize the rigor of such a training and its jealousy of all outside interests. But it takes more than a knowledge of the technicalities of the profession to be a successful engineer. A man must be more than a specialist; he must be able to lead and influence men.

A partial opportunity for training along this line is offered by the men's and boys' clubs soon to be started in the South End of Boston. Last year a dozen or more Tech men took charge of seventy-five to a hundred boys on different evenings in the week. Classes were held in drawing, carpentry, chair-seating, electricity, and telegraphy. There was also a game-room provided with pool-table, caroms, etc., as well as a reading-room provided with books and papers.

This year an opportunity will be offered to teach classes of workingmen. For a long time this has been done by Harvard students at the Prospect Union in Cambridge. There are elementary subjects in mechanics and electricity which the men at the Institute are peculiarly fitted to teach. It is also hoped to prepare men for civil service examinations and other general studies.

There is a chance for every interested Tech man, whether he goes down to teach, or to take charge of a game, or reading-room. A man is required to give but an hour and a half one evening a week.

All men who are interested will call any Monday or Friday between 1.30 and 2 P.M. at 34 Rogers (Trophy Room).

J. W. WELSH, VI., '03.

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The newest styles of Derby Hats in all the latest shapes . . . \$2.00, \$3.00

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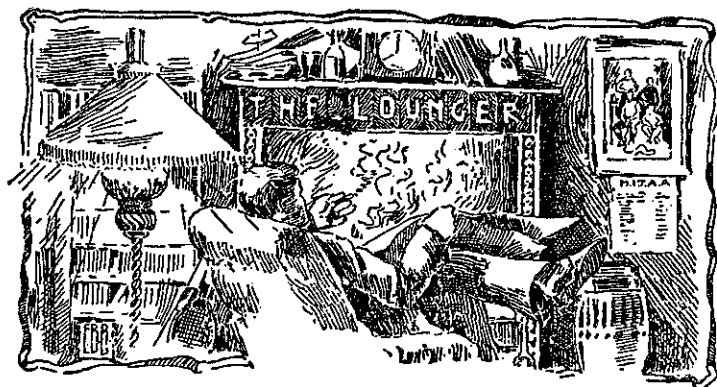
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In writing advertisers kindly mention THE TECH.



The "powers that be" at Tech are trying to change the name "workshops" to the more elegant Latin one, "laboratories." This is a queer and un-Rooseveltic dodge, if THE LOUNGER may be permitted to coin a word and use a bit of slang in the same sentence. A Name? fellow used to walk through the mud of the alley into the shops, then jump into his overalls, and start to work like a man. Now he must promenade through the avenue into the "laboratories," clothe himself in protective raiment, and practise the mechanic arts. The proper dress for such an occasion is a black frock of either thibet or worsted, patent or enamel shoes, white or black bow tie, opera hat, and a John Drew hair-part. It is not considered in good taste to wear a turn-down collar. On leaving the "laboratories" cards should be left with the janitor, one for each member of the instructing staff. Cards sent by mail, however, will not take the place of a call. But whether it is possible to change the name thus depends upon the students who use the shops and the name the most. You can't teach an old dog new tricks. The people who will be quickly willing to assume the new name in place of the good old Anglo-Saxon one, without a good reason, are perhaps those who, as George Ade said, "take a bath in a bathtub."

Every year at Tech certain things turn up at certain times. The very first things that turn up are the Freshmen, and some of these are turned down before long. For various reasons have these embryo engineers selected Tech as the iron post on which to hitch their tether-rope. Things Will Take a Turn. Has Johnnie at some time in the past put up an electric bell? Then Johnnie must be an electrical engineer, even though the bell refused to work. Did Tommy like to see wheels go round? Then Tech must be his Alma Martyr.

"I have come to the city with my son, who is about to enter the law school," said a doting father. "The first thing to find is a boarding-place. Do you know any place you can recommend?"

"Well, no; not near the law school. But I know a good place near Tech."

"Indeed," says the father. "Then I'll have him study engineering." And so the destiny of a nation is turned, and before Willie turns in many nights he is turned out. He returns to his father to plant turnips.

If you are inclined to feel big because you are going to Tech, wait awhile.

If you go into Mac's and take a lungful of air, ask for a discount.

Fresh Talk to Freshmen. If you are subject to fits, and want to ward one off, buy a second-hand drill suit. If at first you don't succeed, try a petition.

If you are in the habit of smoking sweet fern and cinnamon cigarettes, don't let on; let up.

If you see a Co-ed, cheer up; if you don't see one, stay where you are.

If you want to keep all the thumb-tacks you buy, don't buy any.

Be sure it's a vocation and not a vacation you want when you come to Tech.

Be sure to get a big Tech pin.

Be with the crowd — you may pass.

A Swarm of Bees for Co-eds. Behold! Even Solomon in all his glory was not arrayed like one of these! Be manly.

Be sure to close the door — from the other side.

Be willing to face the music when coming to Tech. Poor music!

Ratsy on Professors.

BY OLEOMARGARINE W. GLUCOSE.

It makes me sick ter see dem guys
Down ter the Institoot,
Ter see de way dey puts on airs,
Upon me woid, it's fruit!
I'm talkin' now of dem big blokes
Wot does de teachin' dere;
It's Doctor dis, Perfessor dat,
(I'm givin' yer this square.)
Dey shouldn't call 'em doctors
Wen dey couldn't cure a cat,
Or stop yer nose fr'm bleedin',
Or anyting like dat.
An' some dey calls Perfessors,
(Honest, Chimmie, dis is straight,)
An' de sons of guns can't hypnertize,
Black boots, or tell yer fate.
I'd like to show dem up, p'chee,
An' I could do it beaut;
I'd ask dem can dey eat a sword,
Or jump a parachute!
"Wot t' ell ye givin' us," I'd say,
"Wen a pack of guys like ye
Can't do dese tings an' call yerselves
Perfessors!" Hully Chee!