F. HASTINGS SMYTHE  
Leading Lady Tech Show.

Juniors Expectant

Prom Only Two Days Away and Big Week Already Begun.

Juniors are living in anticipation of Friday evening, when the Copley Plaza will see the opening of the biggest and best Junior Week ever. The Trinity Place entrance of the hotel will be used, and the committee has secured three ballrooms for the accommodation of the dancers. Music is to be furnished by Urquidi's orchestra, and dancing will start promptly at 8.30.

It is still possible to sign up for the Prom by seeing some member of the committee personally, in case any have been negligent so far.

(Continued on Page 2.)

MONTHLY'S SECOND ISSUE

VERY WELL RECEIVED

Increased Size And Attractive Appearance Make For Quick Sales.

At exactly 11.30 o'clock yesterday morning, one thousand copies of the second issue of the Technology Monthly were received by the expectant board and at once the welfare staff began a systematic and speedy tour through the most important departments of the institute. An impending delay in the arrival of the copies was narrowly averted by the quick decision of the staff to rush through the binding operation at any cost, and although this meant an all-night session for the binders, the plan was put into operation, with the result specified above.

(Continued to Page 3.)

WEATHER

Rain today; increasing southerly breezes.

CALENDAR

Wednesday, April 15, 1914.
8.00 a.m. — Banjo Club Rehearsal.
8.30 a.m. — Crew Practice.
1.10 p.m. — Technique Parade.
1.35 — Technique Rush.
4.00 — Crew Practice.
8.00 — Spring Concert.

Thursday, April 16, 1914.
9.00 a.m. — TECHNIQUE Baseball Game.
9.00 a.m. — Rifle Club Leaves North Station.
10.00 a.m. — 1916—1917 Baseball Game.
4.00 p.m. — Tech Show.
6.00 — Tech Show.
8.00 — Tech Show.
8.30 — Junior Prom.
8.30 — Freshman Glee.
8.30 — Freshman Glee.
9.00 a.m. — Rifle Club Leaves North Station.

CALCUTTA:. April 16, 1914.

Three more important positions on Technique 1916 were filled today by the Technique Electoral Committee at its meeting this afternoon. The men chosen for the places are: Lawrence Stanwood for Athletic Editor; J. B. Carr for History Editor; and flea C. Morris for Faculty Editor.

Lawrence was a member of his class track team and of the relay team, and is a member of Sigma Alpha Epilson. Carr was formerly Athletic Editor and Chief News Editor of THE TECH, and is Vice-President.

(Continued on Page 2.)
THE TECH


Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

MANAGING BOARD
A. H. Warm, '17; General Manager.
G. A. Goldsmith, '17; Managing Editor.
W. T. Knickerbocker, '17; Assistant Editor.
H. P. Thoma, '17; Treasurer.

NEWS BOARD
G. W. Wyman, '17; Assignment Editor.
J. D. DeLatt, '17; Assistant Assignment Editor.
J. W. Fairchild, '17; Business Manager.
J. C. McKnight, '17; Assistant Business Manager.

OFFICE STAFF
R. B. Stringfield, '17; Assistant Advertising Manager.

BUSINESS BOARD
R. J. Cook, '17; F. S. Combs, '17; Advertising Manager, Editor.

IN CHARGE OF THIS ISSUE
R. B. Stringfield, '17; H. S. MacQuaid, '17;

Technique 1916
(Continued from Page 1.)

of the Tennis Club and a member of Phi Beta Epsilon fraternity. Novels has been on several class committees, and is chairman of Delta Kappa Epsilon. All are members of the Technique Electoral Committee.

ENGINEERING AND SCIENTIFIC NOTES

Resins in Coal.

To the head of the family who has shoveled coal during the long winter it matters little what his coal is made from so long as it gives a reasonable amount of heat and is paid for. Yet it is true that the heating value of the coal that he uses, as well as the kind, depends in part on the ingredient matter, and also on the geologic processes to which the peat from which the coal was formed has been subjected. The relation of certain types of ingredient materials to certain qualities of coal has received considerable attention from the geologists of the United States Geological Survey, and the Survey has just published a short report, Professional Paper 85, Part B, discussing the occurrence and effects of resins in coals.

"Resins," under which are included the "rosin" of commerce, the copal from which varnish is made, the amber used in jewelry, and a host of other similar materials, are secretions generated in some of the cells or vessels in plants of many different kinds. One of the most familiar of the resin-producing trees is the pitch pine, in which the "pitch" is a resin.

Resins contain very much more hydrogen and carbon compared to the amount of oxygen than ordinary wood, so that, other things being equal, the resinous woods make much hotter fires than those not containing resins, the hydrogen and carbon being the sources of the heat. The larger the amount of resin the hotter the fire. Many a Mississippi River steamboat was blown up in the old days when, in order to win a race the barrel of resin in the cask were broken to feed the fires. Resins add heat value, not only to the woods that contain them but also to the coals.

Being more resistant to decay under water than the wood cells and other tissues of the plants and those from which the peats of bogs and coal-forming swamps are produced, the resin lumps and particles are generally left to be buried in the deposit, even when most of the surrounding wood has rotted away and disappeared. In this way they are sometimes concentrated in quantity so that, together with waxes, likewise of high heat value, they form considerable portions of the vegetable debris in the peat. Peat is the mother substance which, after deep burial in the crust of the earth, has been subjected to the earth-attested by an ever-growing patronage of almost a score of years.

Square dealing—courteous service—and a guarantee of entire satisfaction have made our business grow and prosper.

If you don't know us—we think you will find it a pleasure to become acquainted.

MACULLAR PARKER COMPANY
400 Washington Street, Boston
Manufacture in workshops on the premises and offer for immediate use
Clothes for College Men
Attention is called to an importation from London of Overcoats in ultra styles—very desirable—made specially to our order.

Sexton Hat Department
Fine Furnishing Goods
MACULLAR PARKER COMPANY
400 Washington Street

TEXI LETTING CO.
Tel. Tremont 784
Packard Limousine and Touring cars for hire day and night service
SPECIAL PRICES FOR JUNIOR WEEK

YOUR NATURAL MODESTY

would not permit you to say for yourself—no matter how justly—the good things you might say for a friend.

But—Good Clothes speak for you—when and where you couldn't say a word for yourself.

We have made Good Clothes for the people of New England—of every sphere in life—attested by an ever-growing patronage of almost a score of years.

Square dealing—courteous service—and a guarantee of entire satisfaction have made our business grow and prosper.

If you don't know us—we think you will find it a pleasure to become acquainted.

BURKE & CO., Inc., Tailors
18 School St., Boston
434 Washington St.
Cambridge
Andover
Hanover, N. H.

Old Colony Trust Company.
Capital $6,000,000
Surplus $8,000,000

Equipped to Furnish Every Banking Facility.

One account Commands the services of two centrally located banking offices

17½ Court Street
Boston
52 Temple Place
52 Temple Place
VILLANY PERPETRATED ON UNSUSPECTING DOOR

Attack In the Dead of Night By Desperate And Sticky Assaulters.

With the aid of vegetable glue and the HIGH joint, the valiant proprietors of today's roughhouse caused the following to adhere to portal of the lower office of THE TECH. (Editor's Note: An exception to unsigned communication is made because the author or authors of said gauntlet do not dare affix their signatures.)

WEDNESDAY A certain daily handbill called THE TECH, is afraid to play technique they are trying to find an excuse to quit. (Here the narrative is broken off presumably for meditation) afraid even of the freshmen—that they can play better than they and so should have the field. KNOW YE! Technique will best THE TECH up on Thursday morning and will accept no stories of theirs as an excuse for said TECH to back out.

This is the nearest transcription of the manuscript obtainable as it evidently was written in a disguised hand. Rerufation may be unnecessary but we are going to attempt one anyhow just for practice. Firstly, this publication is not a handbill because it costs two cents and up per issue, and handbills are given away for nothing free of all charge. Secondly, in regard to baseball stars in the Class of 1917, they are determined to lead you to the morning, and will accept no stories of theirs as an excuse for said TECH to back out.

THE TECH will not "back out" we are determined to lead you to the very drugs of the amusement.

TECH SHOW
(Continued from Page 1) was exceptionally fine. The acting of F. Hastings Smythe, '13, as Alice the chorus lady, received much praise, and the two-step and grace with which Roswell Rennie carried his corpulency likewise is of such character as to

The number of cuts in this issue, as well as the excellency of the arrangement of the articles has excited no little interest, and the doubts of those who feared that the magazine would be unable to maintain the excellent standard set last month were quickly dispelled. In all, sixteen cuts, three of them full-page and representing an outlay of nearly fifty dollars, found their place in the make-up of the Monthly. This to add a very attractive cover design, a conventional Rogers Building, appropriate indeed at this time of proposed change.

The article on the Show of course needs no comment; the unique position of the magazine in being able to secure such a thorough review of the details of the Panama-Pacific Exposition provides for Tech men an article of more than ordinary interest and value, the remaining material likewise is of such character as to represent an investment of material worth.

For the benefit of those who have not yet secured copies, the staff proposes to place the Monthly on sale in the various buildings during the morning, and at the Rush this noon.

NOTICE
The TECHNOLOGY MONTHLY Board of Directors, with George Roper, Jr., is Circulation Manager. Through error his name appeared as Assistant Circulation Manager.

SPRING CONCERT AT COPELEY HALL TONIGHT

Everything in Readiness for Gala Occasion—Starts at Eight Sharp.

Tonight at 8:00 o'clock one of the major events of Junior week will be carried out in the Spring Concert to be held in Copley Hall. The dance orders were on distribution in the Union yesterday. A very fine program has been selected and in order to carry it out as planned the concert will start promptly at eight o'clock. The dance order is arranged as follows:

1. One Step Good Bye Summer
2. One Step... Get Out and Get Under
3. Waltz... Little Highness
4. One Step... Le Gitot
5. One Step... Too Much Ginger
6. Waltz... Marriage Market Extra.
7. One Step... The Devil Tramps Around
8. Waltz... Scrambled Eggs
9. One Step... Ringle-ingleing
10. Waltz... All for the Girlies
11. One Step... Nights of Gladness
12. One Step... Tres Chic
13. One Step... Adele
14. Waltz... Little Cafe
15. One Step... All for the Girls
16. One Step... Tres Chic
17. Waltz... Marriage Market Extra.
18. Waltz... By Request
19. Waltz... Nights of Gladness
20. Waltz... Get Out and Get Under

TECH MONTHLY
(Continued from Page 1)

The increased size of the magazine and its attractive appearance resulted in quick sales and very favorable comments, so that by five o'clock the greater part of the first assignment had been disposed of and the board was ready for the last delivery, which will arrive early this morning.

The increased size of the magazine and its attractive appearance resulted in quick sales and very favorable comments, so that by five o'clock the greater part of the first assignment had been disposed of and the board was ready for the last delivery, which will arrive early this morning.

The increased size of the magazine and its attractive appearance resulted in quick sales and very favorable comments, so that by five o'clock the greater part of the first assignment had been disposed of and the board was ready for the last delivery, which will arrive early this morning.

The number of cuts in this issue, as well as the excellency of the arrangement of the articles has excited no little interest, and the doubts of those who feared that the magazine would be unable to maintain the excellent standard set last month were quickly dispelled. In all, sixteen cuts, three of them full-page and representing an outlay of nearly fifty dollars, found their place in the make-up of the Monthly. This to add a very attractive cover design, a conventional Rogers Building, appropriate indeed at this time of proposed change.

The article on the Show of course needs no comment; the unique position of the magazine in being able to secure such a thorough review of the details of the Panama-Pacific Exposition provides for Tech men an article of more than ordinary interest and value, the remaining material likewise is of such character as to represent an investment of material worth.

For the benefit of those who have not yet secured copies, the staff proposes to place the Monthly on sale in the various buildings during the morning, and at the Rush this noon.

PINK1 That's our recipe for taking the bite out of good tobacco leaf. We hang the leaf in the warehouse for two years—temperature and ventilation perfect—all goodness dissipated. A mellow pres-ents that gives superb flavor and a smoothness seldom found. This is the good old fashioned way of maturing good leaf—and Velvet is a startling example of tobacco goodness. Sometime when your pipe is burning hot and the taste is flat—try Velvet! At all dealers.

L. PINKOS College Tailor
338 Washington Street - Boston
Harvard Square, Cambridge
My Spring and Summer importations are now complete and I invite your early inspection.

SPECIAL NOTICE TO TECH STUDENTS

I am offering a 10% discount on all orders placed during the season.

This will enable you to receive a good suit at a very low price. Every Tech. man should take advantage of the above.

PRICES $35.00 up.

L. PINKOS, Tailor.

STONE & WEBSTER
CHARLES A. STONE '95
EDWIN S. WEBSTER '95
RUSSELL ROSS, '95
ELIOT WAUGH, '91
HERNIGHT P. ROBINSON, '92
JOHN W. HALLOWELL
Securities of Public Service Corporations
Under the Management of our Organizations

STONE & WEBSTER Engineering Corporation
General Managers of Public Service Corporations

STONE & WEBSTER
Management Association
Construcng Engineers
Young Men's Hats for Every Occasion

Collins & Fairbanks Company
385 Washington Street - Boston

ALL DAY PRACTICES AT WALNUT HILL

Rifle Club Will Shoot Both Next Thursday and Saturday.

On Thursday next and also on Saturday, the Rifle Club will hold practice all day at the Walnut Hill Range. As these functions are rare, all of the club members who can spare the time are asked to take advantage of them.

Orders for rifles may be obtained from Hashem, Casselman, Dunn, and Forsman. Trains leave the North Station at 9:45 A.M. for Montvale, the first station this side of Walnut Hill, and at 2:00 P.M. for Walnut Hill.

Men are requested to be at the station ten minutes ahead of train time in order that the person in charge may purchase a sufficient number of tickets. The round trip is twenty-five cents.

Any men expecting to try for the team to shoot in the Inter-collegiate outdoor match are expected to be on hand at least one of these days.

CREW PRACTICE

Class Fours Will Be Picked This Afternoon.

Today a most important practice of the crew will be held. Every man is urged to be out as a line must be taken on the men so that a first and second crew can be picked from each boat. This, however, does not mean that anyone will be cut but that only ten men will be picked from each boat to the first and second crews so that they may get practice in rowing together. The rest of the men will be sent out regularly as practices and if the improvement of any man warrants it, the second crew may be changed. As the freshmen have no drill today it is especially important that they should cut out on the river.

Practice will be held every day during vacation at 10 o'clock in the morning.

Prof. McAdie FRAISES THREE TECH MEN

In His Talk on "Forecasting The Weather" He Gives Them Special Mention.

Yesterday evening at 7:45 Professor Alexander G. McAdie, Director of the Blue Hill Observatory, gave an illustrated talk on "Forecasting the Weather" to the members of the Boston Scientific Society. He is one of the most interesting speakers in the scientific field. He was formerly forecaster of the West coast and was stationed at San Francisco, and is now director of the Blue Hill Observatory taking the place of Mr. Roach, the former director of the Observatory.

This is his first appearance as speaker before the society for twenty-five years. He took up in his talk the part the various elements play in forecasting, and showed how the weather could be told by the winds, clouds, and even by volcanic ashes. He gave a few examples of how forecasting the weather is of advantage in the business world. The orange growers in California saved twenty-five million dollars as a result of a warning issued to them by the weather bureau there. A rain forecast in the west did not have an accident in a whole year by paying attention to the weather forecast and doubling its force in stormy weather. He also had great praise for the late Mr. Roach, a Tech man of '84. He said that his work in this line has made a