

The Tech.

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THE TECH.

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THE term of '91-'92, so near its close, marks an important epoch in the history of Institute events. The period since September, 1891, is truly a brief one, but it has been far from uneventful.

In reviewing this departing year, perhaps nothing gives us more cause for mutual congratulation than the fact that our numbers have reached and passed one thousand. These figures mean much; they record the steady approach of our college toward not simply a national, but a world-wide reputation. The image of our familiar old Rogers Building will be carried away into many a distant land in the memories of future men of worth and promise, now graduating, or about to graduate. The most sanguine prophet of us all

would hesitate to place a limit to the effect upon modern civilization and its achievements of our institution, say fifty years hence.

And if our outlook from the point of view of scientific learning is such a flattering one, not less so is the promise which our social and athletic records hold out to us. The one obstruction which has heretofore existed to our unification in the fullest sense, as a student body, is about to be removed by the erection of the long-awaited dormitory—the first, let us confidently assure ourselves, of many, whose numbers will increase until finally the Tech. student will find himself as closely identified with his fellows as at any college in the land.

The erection of the new Architectural Building is the final step toward the proper distribution of the different departments. Our growth will henceforth take place along definite lines.

To turn to athletics. Here we certainly have a record to be proud of, with the exception of one branch—football. Football with us has certainly fallen upon evil days, and chiefly from lack of proper support from the students at large. It has been the hardest kind of work for a minority of true-spirited men to maintain a football team among us. Too many of the rest have lost sight of Technology's once brilliant standing in the Eastern League, and pride for the continuance of that standing has met with poor encouragement.

Exhortation to brace up and support the team seems useless. We are wellnigh reduced to a forlorn hope.

In other branches of athletics success has undisputably been achieved. Track athletics have brought us honors thick and fast. An article in another column devoted exclusively to this subject will make that clear.

Our class baseball teams are doing better than ever before. The awakening of wider interest has been proved by the fact that the Athletic Club is at last out of debt. The most successful tennis tournament ever held here has just been finished. Recognizing the approach of the national elections, a Republican Club has been organized among the students amid great enthusiasm. All this points to the broad extension of Technology's fame.

And the last, but let us trust not the least, mark of progress, is the appearance of our college paper as a weekly. It is the support of the students that has enabled the editors of THE TECH to take this step, and we hope our supporters will reap the full benefit of the change.

It remains for us to speak a few farewell words to one of the greatest classes that has ever been enrolled beneath the gray and crimson,—the Class of '92. Technology owes too much to '92 for us to attempt to itemize the debt, unnecessary in any case, as her contributions to Technology's name and glory stand out clear as day wherever Tech. statistics embellish the Book of Fame. We simply ask you all to note the number of '92 men whose names appear among those who have made their mark among us since 1888. There is no department at the Institute that will not feel the loss of '92. The word "Farewell" was never fraught with deeper meaning than will emphasize it on this coming Class Day.

Had we only the assurance that future classes would follow in the footsteps of '92, we would have no cause for hopes or fears. Can we say more? Would that we could! "Ninety-two, farewell!"

THE step which the Board of Editors have taken in making THE TECH a weekly, thrusts upon them increased responsibilities, demands more time, and calls for a clock-like

system of work, in order that the paper may be issued promptly, which must be more or less detrimental to their other pursuits; and more, it makes the financial success of the paper, which has heretofore been self-supporting, doubtful.

THE TECH does not wish to give these facts undue prominence or to heroify its editors; this is far from its wish or desire, but it does desire, that the step, with its responsibilities, should bear witness, to the deep interest THE TECH takes in the Institute, and to its endeavors to support the students loyally and in a manner most beneficial to them.

THE TECH's policy will continue, as it has always been, honest, frank and unbiassed; it desires the criticism of its readers, it will gladly receive, as heretofore, contributions of all kinds, and in return ask for nothing more than it has received during the past year,—the support of the students and others associated with the Institute.

A BRIEF summary of the past year shows it to have been a very satisfactory one. To be sure, we have not, by any means, attained the highest success in every undertaking, but at the same time the year has been characterized by successful innovations and undertakings. Chronologically first, we returned to find our gymnasium with a splendid addition; not what other colleges have, perhaps, but nevertheless highly satisfactory.

The first open handicap games ever given by the M. I. T. A. C. were held October 21st, and certainly in so far as contestants were concerned, proved a success. The closed games and the sparring and wrestling meetings in the "Gym" furnished some good sport, and the open handicap games in Winslow's Rink proved the grandest attainment of the Athletic Club. The outdoor class championships on May 4th closed the season of Institute athletic games, and produced several broken records.

The football team showed itself full of pluck and grit, developed some strong players, but with much hard luck and poor support did not win the place for which it hoped.

The Sophomores succeeded in capturing both the football and baseball games from the Freshmen, though the Freshmen claimed the "rush."

The Senior Dinner on April 20th resulted in a social triumph, which its financial failure failed to overshadow.

The addition to the Engineering Building, already well under way, is but another sign of our Faculty's progressiveness, and promises no end of comfort next year.

Another building, not allied as closely to the Institute as the new architectural building, yet as promising, is the Tech. Dormitory. Many of the students are looking forward to its conveniences, with due appreciation.

On top of all these comes the formation of a Republican Club. A fitting rear guard for the year's events, is '92's Class Day. In regard to it, everything looks bright and promising, and bids fair to be all that '92's past career leads us to expect of it.

Photographic Society Exhibit.

IN general excellence, in quality and quantity, the annual exhibit under the auspices of the enterprising little society which represents the photographic interests of the Institute, was this year quite exceptional, and attracted deserved attention. Nineteen members and non-members of the Society exhibited with two hundred and fifty photographs, and their work was viewed between May 4th and May 11th by a large number of students and friends. Ten diplomas were awarded, as follows: H. R. Barton, 1st for artistic excellence, 2d for general merit; A. G. Farwell, 1st for general merit, 2d for artistic excellence, 2d for instantaneous work; E. L. Andrews, 1st for instantaneous work. Non-members' classes: H. E. Warren, 1st for general excellence, 1st for instantaneous; H. F. Ruggles, 2d for general

excellence; F. C. Sutter, 2d for instantaneous. Honorable mention was accorded J. C. Brown for artistic merit.

The exceptional pictures in the exhibit were a cabinet photograph by Barton, a mountain storm scene by Farwell, and a view of a stranded schooner at Nantasket by Warren.

The following men exhibited: H. W. Burckhardt, W. W. Crosby, E. L. Andrews, H. R. Barton, A. G. Farwell, T. T. Dorman, A. G. Davis, W. L. Frisbie, L. B. Dixon, H. F. Ruggles, J. C. Brown, C. V. Allen, H. E. Warren, S. L. Breed, A. A. Robertson, A. F. Bemis, W. H. Vorce, F. A. Laws, F. C. Sutter. The judges were Winifred A. French, Professor Niles, and H. N. Latimer, all of the Boston Camera Club.

The committee in charge consisted of A. G. Farwell, T. T. Dorman, H. R. Barton, and H. L. Rice.

Subject of Theses of Fourth Year Regular Students.

(Concluded.)

COURSE I.

H. B. ROBERTS, S. B.—A design for Head Gates to supply water to a Mill Canal.

W. C. THALHEIMER.—Expansibility of Steel Tapes.

COURSE II.

H. C. DRESSER.—Design for a Cotton Mill.

COURSE V., CHEMISTRY.

A. K. CHURCH, with C. R. WALKER (Sp.)—Electrolytic Decomposition of Common Salt as Applied to Manufacture of Chlorates.

G. F. ELDRIDGE.—The Volatility of Stannic Chloride in Solution at Different Temperatures.

C. B. GRIMES.—The Action of Sulphanilic Acid upon the Di-Azo-Amido Compounds.

G. H. MAY, with G. J. BURNHAM (Course X.)—The Conditions of Maximum and Minimum Sulphuric Anhydride Formation in the Burning of Brimstone.

MISS LILY MILLER.—Reduction of Certain Aromatic Nitro-Compounds.

H. R. MOODY.—Hydrogen Peroxide; its Preparation, Estimation, and Uses as an Oxydizing Agent in Analytic Chemistry.

COURSE VI., ELECTRICAL ENGINEERING.

- C. A. BEAL, with C. H. CHASE.—Candle Power of Incandescent Lamps, as Affected by Current Potential and Energy Consumed.
- C. H. BIGELOW, with B. P. DUBOIS.—Efficiency of Street Railway Motors.
- P. M. BURBANK, with C. M. BURNHAM.—Transformer Tests.
- C. M. BURNHAM, with P. M. BURBANK.
- C. H. CHASE, with C. A. BEAL.
- L. P. CODY, with E. R. FRENCH.—Efficiency of Direct and Alternating Motors.
- J. CRANE, JR., A.B., with D. P. ROBINSON.—Tests of Dynamos by Stray Power Method.
- LOUIS DERR, B.A.—Study of Self Induction.
- B. P. DUBOIS, with C. H. BIGELOW.
- H. A. FISKE, S.B., with H. C. FORBES.—Fans Driven by Electricity.
- H. C. FORBES, S.B., with H. A. FISKE.
- E. R. FRENCH, with L. P. CODY.
- W. P. GRAY, with A. S. HEYWOOD.—Candle Power of Lamps of Different Makers.
- A. S. HEYWOOD, with W. P. GRAY.
- J. D. HILLIARD, Jr., with C. C. WATERMAN.—Test of Dedham Plant.
- F. J. HOXIE, with R. H. MANSFIELD, Jr.—Test of Edison Plant, Phenix, R. I.
- A. L. JACOBS, with W. E. MCCAW.—Test of Brockton Street Railway.
- W. R. KENDALL, with W. H. LANE.—Comparison of Gramme and Pacinotte Armatures.
- W. H. LANE, with W. P. KENDALL.
- J. B. LUKES, with G. H. LUKES (Sp.).—Characteristics of Dynamos.
- R. H. MANSFIELD, Jr., with F. J. HOXIE.
- W. E. MCCAW, with A. L. JACOBS.
- H. S. MILLER.—Hysteresis in Transformers.
- F. E. NORTON, S. B.—Dynamometer Tests.
- H. M. PHILLIPS.—Study of Vibration of the Diaphragm Telephone Receiver.
- A. G. PIERCE, with H. D. SHUTE.—Storage Batteries.
- A. W. PIERCE, with H. S. WEBB.—Testing Motors by Water Calometer and Other Methods.
- F. L. RHODES, with T. C. WALES, Jr.—Study of Calorimeter Method of Determining Heat Losses in Direct and Alternating Dynamos.
- D. P. ROBINSON, A. B., with J. CRANE, Jr.
- W. M. SACKETT, C. E., with W. ESTY (Sp.).—Study of United States Dynamo.

H. J. SAGE, B. A., with C. F. WALLACE.—Multi-Phase Motors.

H. D. SHUTE, with A. G. PIERCE.

T. C. WALES, Jr., with F. L. RHODES.

C. F. WALLACE, with H. J. SAGE, B. A.

C. C. WATERMAN, with J. D. HILLIARD, Jr.

H. S. WEBB, with A. W. PIERCE.

COURSE VII., BIOLOGY.

ALICE HOOPER BECKLER.—Physiology of the Earthworm.

BERTHA MILLARD BROWN.—Teaching of Elementary Science in the Public Schools of Boston and Vicinity.

SEVERANCE BURRAGE.—Observations on Drosera Filifolia.

MARGARET ELIOT DODD.—Flora of Milk.

A. P. MATHEWS.—Study of Typhoid Fever Bacillus and its Occurrence in, and Recovery from, Human Dejecta.

A. M. WORTHINGTON.—Physiology of Digestion in the Starfish.

COURSE VIII., PHYSICS.

G. V. WENDELL.—Researches in Acoustics.

COURSE IX., GENERAL STUDIES.

R. R. DE CARVALHO.—Establishment of the Brazilian Republic and the Subsequent Administration.

ALLEN FRENCH.—Chronological Outline of American Literature.

F. C. HOLMES.—French Canadian Immigration in the United States.

RUSSELL SELFRIDGE, with G. P. TALLANT.—Diagram Illustrating the Political Revolutions in New York State since 1789.

FRANCIS WALKER.—History of Pauperism in Massachusetts.

RICHARD WATERMAN, Jr.—Educational Influence of International Exhibits.

COURSE X.

J. F. JOHNSON.—An Investigation of the Alloys Suitable for Use in the Bisulphite Wood Fibre Industry.

G. T. FORBUSH.—The Explosions of Kerosene Lamps.

F. C. MOORE.—Heat of Evaporation of Liquid Ammonia.

COURSE XI., SANITARY ENGINEERING.

R. G. CHASE.—The System of Heating and Ventilation at Seaver Hall, Cambridge.

W. W. LOCKE, with F. C. SHEPHERD.—A Study of the System of Sewage Disposal of South Framingham, Mass.

E. G. MANAHAN.—A Discussion of the Water Supply of Lawrence, Mass.

G. A. MERRILL.—Study of Mystic Water Supply.

F. C. SHEPHERD, with W. W. LOCKE.

COURSE XII., GEOLOGY.

H. D. CARD.—Chemical, Microscopic and Mechanical Analysis of Clay.



FIXTURES.

- May 4.—M. I. T. A. C. Annual Outdoor Class Championship Games. Charlesbank Gymnasium.
- May 7.—Harvard Athletic Association. Open Handicap Invitation Meeting.
- May 11.—B. A. A. Open Handicap Games. Irvington Oval.
- May 18.—B. A. A. Open Handicap Games. Irvington Oval.
- May 21.—Manhattan Athletic Club. Open Handicap Games.
- May 25.—B. A. A. Open Handicap Games. Irvington Oval.
- May 30.—Gloucester Athletic Club. Open Handicap Games.
- May 30.—New Jersey Athletic Club. Annual Open Handicaps.
- June 4.—Pastime Athletic Club. Open Games.
- June 11.—New England Association A. A. U. Individual Championships. Congress Street Grounds, Boston.
- June 11.—New York Athletic Club Open Handicap Meeting.
- June 11.—Interscholastic Championships. Holmes' Field, Cambridge.
- June 17.—Dorchester Athletic Club. Open Handicap Meeting.
- June 18.—Xavier Athletic Club. Open Handicap Meeting.
- June 25.—N. E. A. A. A. All-round Championships. Under the auspices of the B. A. A. Irvington Oval, Boston.
- July 2.—Lowell Cricket and Athletic Association. Open Handicap Games.
- July 4.—(Morning) Melrose Athletic Club. Open Handicap Meeting.
- July 4.—(Afternoon) Suffolk Athletic Club. Open Athletic Events.
- July 4.—Manhattan Athletic Club. Open Handicaps.

- August 4.—Trimount Athletic Club. Open Handicap Meeting.
- August 13.—Revere Athletic Club. Open Handicap Meeting.
- August 17.—Metropole Athletic Club. Open Handicap Games.
- August 20.—Melrose Athletic Club. Open Handicap Games.
- August 25, 26, 27.—Gloucester Athletic Club. Open Handicap Athletic Carnival.
- September 5.—Lowell Cricket and Athletic Club. Open Handicap Meeting.
- September 5.—Manhattan Athletic Club. Open Handicap Meeting.
- October 1.—A. A. U. National Championships.
- October 8.—Worcester Athletic Club. Open Handicap Games.

The score for the General Merit Cup went up considerably at the last class championship games, and below we give the total score up to date. There would have been more points made toward the cup had all those who competed belonged to the M. I. T. A.C.

SCORE FOR GENERAL MERIT CUP.

| | |
|---------------------------------|----|
| J. Crane, Jr., '92 | 27 |
| C. D. Heywood, '93 | 11 |
| F. W. Lord, '93 | 11 |
| A. French, '92 | 10 |
| C. Taintor, '93 | 6 |
| W. J. Batchelder, '95 | 6 |
| T. T. Dorman, '93 | 5 |
| E. L. Andrews, '93 | 4 |
| J. Dove, '95 | 4 |
| J. Aiken, '94 | 3 |
| G. Lawson, '95 | 3 |
| W. B. Clafin, '95 | 1 |
| A. B. Payne, Jr., '93 | 1 |

The following additional scores may be put toward the cup, when those to whom they belong join the Athletic Club.

Dearborn, 8; Harvey, 5; Owen, 5; Clapp, 3; Parker, 3; Look, 1; Tillinghast, 1; Boeseke, 1.

The H. A. A. games of May 7th were very good, remarkable time being made in many events. The meeting was so soon after the Tech. games that our men were unable to do themselves justice. Andrews, '93, was the only one to win anything, and that was third place in the low hurdle race.

F. A. Sargent represented the Suburban Harriers at the Senior Championship cross-country run, held in New York, April 30th.

Sargent ran well, and helped materially to do his share in winning the race.

The Executive Committee of the M. I. T. A. C. was held Tuesday, May 10th, in THE TECH office. The class championship was awarded to '93, and Crane's record of 20 feet 8½ inches in the running broad jump, and Heywood's of 6 feet ½ inch in the high jump, were approved. It was voted that the times which Crane made in the hurdle races could not go as M. I. T. records, as the way the events were started was in violation of the A. A. U. rules.

The B. A. A. games scheduled for May 11th were postponed until the next day, owing to rain. Only three Tech men competed, and two of them won prizes. The first event was the half-mile run, and A. B. Payne, Jr., '93, won third after a very pretty race. The time was 2.09, which is very fast for Irvington Oval. Lord, '93, was second in the 100, after having run two dead heats with Jame-son, H. A. A.

The Outdoor Meeting.

THE annual outdoor meeting for the class championship was held, under the auspices of the M. I. T. A. C., at the Charlesbank Running Track on Wednesday afternoon, May 4th.

The tracks had not been formally opened, owing to the tardiness of the city government in appropriating funds for the purpose, so the M. I. T. A. C., which had obtained permission for the use of the track, had to pay for rolling the course and fixing the jumping boxes. As the time and money for doing this were necessarily limited, the track, which is very fast when in good condition, was consequently rather slow. It was, nevertheless, much better than the Irvington Oval, and the time made in most of the events was fairly good.

The class of '93 had more entries in the events than any other class, and succeeded in winning a sufficient number of points to give them the class championship.

The total and individual score for the year is given below. Of these points the indoor records is '92-29; '93-41; '94-14 and '95-32, while that of the outdoor competitions is '92-37; '93-42; '94-8; '95-23. It was generally expected that the Seniors, Juniors and Freshmen would count about equally at the outdoor, but '95 failed to do quite as well as was expected.

Ninety-three's success is attributed to the splendid support which was given by both the class as a whole, and the individuals who trained for the meetings. Such praise cannot be given the Seniors, as practically the whole of the work was done by Crane and French—these two scoring 28 of '92's 34 points at the last games.

SCORE FOR CLASS CUP.

| Team Race. | '92 | '93 | '94 | '95 |
|---|-----|-----|-----|-----|
| Boss, Taintor, Payne, and Lord | — | 5 | — | — |
| French, Buchholz, Cogswell and Shute, 3 | — | — | — | — |
| Running High Kick. | | | | |
| Heywood | — | 7 | — | — |
| Kales | 3 | — | — | — |
| Lord | — | 1 | — | — |
| 35-yard Dash. | | | | |
| Dove | — | — | — | 5 |
| Lord | — | 3 | — | — |
| Andrews | — | 1 | — | — |
| 35-yard Hurdle. | | | | |
| Boyd | — | 5 | — | — |
| Andrews | — | 3 | — | — |
| Claffin | — | — | — | — |
| Running High Jump. | | | | |
| Heywood | — | 5 | — | — |
| Claffin | — | — | — | — |
| Speer | — | 1 | — | — |
| 16-pound Shot. | | | | |
| Manley | 5 | — | — | — |
| Batchelder | — | — | 3 | — |
| Parker | — | — | — | — |
| Standing High Jump. | | | | |
| Heywood | — | 5 | — | — |
| Gilman | — | — | — | — |
| Stose | — | 1 | — | — |
| Rope Climbing. | | | | |
| Carrier | — | — | — | 5 |
| Sturgis | — | — | 3 | — |
| Dorman | — | 1 | — | — |

| | | | |
|---------------------------|---|---|---|
| Fence Vault. | | | |
| Waterman | 5 | — | — |
| Faxon | — | — | 3 |
| Jones | — | — | 1 |
| Heavy Weight Sparring. | | | |
| Sutton | 5 | — | — |
| Harvey | 3 | — | — |
| Heavy Weight Wrestling. | | | |
| Kales | 5 | — | — |
| Crane | 3 | — | — |
| Light-weight Sparring. | | | |
| Batchelder | — | — | 5 |
| Sturgis | — | — | 3 |
| Light-weight Wrestling. | | | |
| Thomas | — | — | 5 |
| Speer | — | 3 | — |
| Special Weight Sparring. | | | |
| Sturgis | — | — | 5 |
| Special Weight Wrestling. | | | |
| Speer | — | 5 | — |
| 120-yard Hurdle. | | | |
| Crane | 5 | — | — |
| Lord | — | 3 | — |
| Claffin | — | — | 1 |
| 100-yard Run. | | | |
| French | 5 | — | — |
| Lord | — | 3 | — |
| Boeseke | — | — | 1 |
| 440-yard Run. | | | |
| Dearborn | — | 5 | — |
| Taintor | — | 3 | — |
| Batchelder | — | — | 1 |
| 2-mile Bicycle. | | | |
| Owen | — | — | 5 |
| Clapp | — | — | 3 |
| 220-yard Hurdle. | | | |
| Crane | 5 | — | — |
| Andrews | — | 3 | — |
| Lord | — | 1 | — |
| 880-yard Run. | | | |
| Batchelder | — | — | 5 |
| Dearborn | — | 3 | — |
| Tillinghast | — | — | 1 |
| 220-yard Run. | | | |
| French | 5 | — | — |
| Lawson | — | — | 3 |
| Dove | — | — | 1 |
| 1-mile Run. | | | |
| Dorman | — | 5 | — |
| Taintor | — | 3 | — |
| Geiger | — | — | 1 |
| Running High Jump. | | | |
| Heywood | — | 7 | — |
| Aiken | — | — | 3 |
| Crane | 1 | — | — |
| Throwing 16-pound Hammer. | | | |
| Harvey | 5 | — | — |
| Parker | — | — | 3 |
| Look | 1 | — | — |

| | | | |
|---------------------|----|----|-------|
| Running Broad Jump. | | | |
| Crane | 7 | — | — |
| Dove | — | — | 3 |
| Heywood | — | 1 | — |
| Total | 66 | 83 | 22 55 |

The best performance of the meeting was the high jumping of Heywood, '93. He won the event by clearing 5 ft. 4 in., and then proceeded to break the Tech. record of 5 ft. 10 $\frac{1}{4}$ in. made by himself at the M. I. T. A. C. scratch games in March, '91. This he easily did. The bar was now raised to 6ft. $\frac{1}{2}$ in. and Heywood jumped it, without even touching, on his second trial, thus beating the Institute record by two and a quarter inches. As Heywood belongs to the B. A. A. their record was also broken—the former height being 5 ft. 11 $\frac{7}{8}$ in. Heywood's remarkable success is due to his new style of jumping, and as he has but recently acquired it—Wednesday's performance was the third time he has tried it—there is every hope that he will soon clear two or three inches over the six-foot mark.

Hardly less creditable was J. Crane, Jr.'s all-round work. Besides winning the broad jump and breaking the record in it, he also won both hurdle races, and made better time in them than was ever made before by an Institute man. Unfortunately, as the start was not made by pistol shot, the time is to be questioned. This is the reason of the Athletic Club's refusing to acknowledge, as records, the time he made in these two races.

As the games were held in the public gymnasium no admission was charged, and consequently there was a very fair crowd of spectators.

The 120-yard hurdle race was run in one heat, as there were only four competitors. Crane took the flights beautifully, and beat out Lord by fully two yards. Following is the summary.

| 120-YARD HURDLE. | |
|---------------------------------|---|
| J. Crane, Jr., '92 | 1 |
| F. W. Lord, '93 | 2 |
| W. B. Claffin, '95 | 3 |
| Time, 16 $\frac{3}{8}$ seconds. | |

The 100-yard dash was run off in two heats, one of six and the other of seven. French and Lord in the first heat, and Dove and Boeseke in the second, were placed, and thus ran in the finals. This was a good race, all four men being within as many feet at the finish.

100-YARD DASH.

| | | | | | | | |
|--------------------|---|---|---|---|---|---|---|
| A. French, '92 | . | . | . | . | . | . | 1 |
| F. W. Lord, '93 | . | . | . | . | . | . | 2 |
| E. A. Boeseke, '95 | . | . | . | . | . | . | 3 |

Time, 11 seconds.

The quarter mile was also very even, although Dearborn had the race well in hand all the way round. Taintor made a good spurt five yards from home, and just passed Batchelder. The time made was good, and on a hard track would have been good for 54 seconds.

440-YARD RUN.

| | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|
| G. K. Dearborn, '93 | . | . | . | . | . | . | 1 |
| C. Taintor, '93 | . | . | . | . | . | . | 2 |
| W. J. Batchelder, '95 | . | . | . | . | . | . | 3 |

Time, 56 $\frac{2}{5}$ seconds.

The bicycle race was a farce, as only two competed, and Clapp gave up after two laps.

2-MILE BICYCLE.

| | | | | | | | |
|------------------|---|---|---|---|---|---|---|
| G. Owen, 3d, '94 | . | . | . | . | . | . | 1 |
| Clapp, '95 | . | . | . | . | . | . | 2 |

Time, 7 minutes 22 seconds.

The half mile was hotly contested, and was notable for the good showing Tillinghast made. Batchelder and Dearborn both ran a game race, the former winning by only a yard or so.

880-YARD RUN.

| | | | | | | | |
|------------------------|---|---|---|---|---|---|---|
| W. J. Batchelder, '95 | . | . | . | . | . | . | 1 |
| G. K. Dearborn, '93 | . | . | . | . | . | . | 2 |
| C. H. Tillinghast, '95 | . | . | . | . | . | . | 3 |

Time, 2 minutes 14 $\frac{1}{5}$ seconds.

The low hurdle race was the next event which was contested. Six men came to the scratch, so it was necessary to run it in two heats. Crane and Boyd were respectfully first and second in the first heat, and Andrews and Lord were placed in the second. Crane won as he pleased in the finals, with Andrews second and Lord third.

220-YARD HURDLE.

| | | | | | | | |
|--------------------|---|---|---|---|---|---|---|
| J. Crane, Jr., '92 | . | . | . | . | . | . | 1 |
| E. L. Andrews, '93 | . | . | . | . | . | . | 2 |
| F. W. Lord, '93 | . | . | . | . | . | . | 3 |

The mile run went to Sargent, of Lowell School of Design, who, although lame, won by a large margin. Dorman surprised all by his excellent showing, beat out Taintor and Geiger by sixty or seventy yards.

ONE-MILE RUN.

| | | | | | | | |
|-------------------|---|---|---|---|---|---|---|
| F. A. Sargent | . | . | . | . | . | . | 1 |
| T. T. Dorman, '93 | . | . | . | . | . | . | 2 |
| C. Taintor, '93 | . | . | . | . | . | . | 3 |

Time, 5 minutes 6 seconds.

The two-twenty flat was the last track event and as there were a dozen who ran it, it is a wonder that there was no fouling. This was one of the prettiest races of the day, French won handily.

220-YARD DASH

| | | | | | | | |
|----------------|---|---|---|---|---|---|---|
| A. French, '92 | . | . | . | . | . | . | 1 |
| G. Lawson, '95 | . | . | . | . | . | . | 2 |
| J. Dove, '95 | . | . | . | . | . | . | 3 |

Time, 25 2-5 seconds.

Following is the summary of the three events:—

THROWING 16-LB. HAMMER.

| | | | | | | | |
|-------------------|---|---|---|---|---|---|---|
| F. H. Harvey, '92 | . | . | . | . | . | . | 1 |
| C. H. Parker, '95 | . | . | . | . | . | . | 2 |
| M. J. Look, '92 | . | . | . | . | . | . | 3 |

Distance, 80 feet 3 inches.

RUNNING HIGH JUMP.

| | | | | | | | |
|--------------------|---|---|---|---|---|---|---|
| C. D. Heywood, '93 | . | . | . | . | . | . | 1 |
| J. Aiken, '94 | . | . | . | . | . | . | 2 |
| J. Crane, Jr., '92 | . | . | . | . | . | . | 3 |

Height, 6 feet $\frac{1}{2}$ inch.

RUNNING BROAD JUMP.

| | | | | | | | |
|--------------------|---|---|---|---|---|---|---|
| J. Crane, Jr., '92 | . | . | . | . | . | . | 1 |
| J. Dove, '95, | . | . | . | . | . | . | 2 |
| C. D. Heywood, '93 | . | . | . | . | . | . | 3 |

Distance, 20 feet 8 $\frac{1}{4}$ inches.

As a whole, the meeting was very successful; and the Executive Committee are to be congratulated on the smoothness with which the events were run off, and the way all various difficulties were surmounted. Much praise cannot be given to Mr. Graf

the gymnasium superintendent, who was on hand and personally saw that everything was in readiness for the games.

Following is the list of Institute records as they now stand:—

INSTITUTE RECORDS.

| | | |
|---------------------------------|----------------|--------------------------|
| 100-yd. Run | 10½ s . | C. R. Boss, '93. |
| 220-yd. Run | 23¼ s. | A. French, '92. |
| 440-yd. Run | 53½ s. | T. Spencer, '91. |
| 880-yd. Run | 2 m. 6¼ s. | T. Spencer, '91. |
| 1-mile Run | 5 m. 44½ s. | F. A. Sargent, '93. |
| 120-yd. Hurdle | 17½ s. | F. W. Lord, '93. |
| 220-yd. Hurdle | 29¼ s. | J. Crane, Jr., '92. |
| 1-mile Walk | 8 m. 5½ s. | A. H. Alley, '91. |
| 2-mile Bicycle, | 6 m. 40¼ s. | C. H. Warner, '89. |
| Running High Jump | 6 ft. ½ in. | C. D. Heywood, '93. |
| Standing High Jump | 4 ft. 10 in. | F. R. Young, '86. |
| Running Broad Jump | 20 ft. 8½ in. | J. Crane, Jr., '92. |
| Standing Broad Jump | 9 ft. 11½ in. | C. D. Heywood, '93. |
| Running High Kick | 9 ft. 3½ in. | C. D. Heywood, '93. |
| Fence Vault | 7 ft. 2 in. | W. F. Ripley, '82. |
| Pole Vault | 10 ft. 7 in. | J. Crane, Jr., '92. |
| Putting 16-lb. Shot | 36 ft. 2¼ in. | J. C. E. DeBulleet, '92. |
| Throwing 16-lb. Hammer, | 80 ft. 11½ in. | L. B. Manley, '92. |

Baseball.

THE annual Sophomore-Freshman baseball game took place Monday afternoon, May 9th, on the South End Grounds. The supporters of the respective teams were out in full force with horns, flags, and a large amount of voice. The Freshmen had their Dutch Band, which favored the audience with all the popular airs of the day.

Both sides expected a close game. Dumaresq, '94, was the first man at the bat, and took first on four balls; Murkland followed, and Dumaresq came home on a sacrifice by Drake, scoring the first run of the game. Moody fouled out to Thomas; Mink was put out "sneaking" second. For '95, Murphy lined out a hit, but his career was cut short at third. Hayward went to first on a hit, but was put out at home plate; Fitts went to first on four balls; Thomas took first on error; Leber made a base hit, and with the bases full, Tucker struck out, retiring the side without a run.

In the second inning, Maxwell took first on error, and came home on a pass ball. Pechin struck out; Green reached first on a wild pitch; Meade, hit by a pitched ball, Dumaresq fled out to Hayward; Murkland went out on three strikes. In the last of the second, the Freshmen were in their glory. Hunt, Murphy, Hayward, Fitts, and Thomas all crossed the home plate, making the score 5 to 2 at the beginning of the third.

Drake went to first on four balls; Moody fled out to Leber; Mink and Maxwell both struck out. For '95, Hunt reached first on a hit, Speer by four balls; both were put out while trying to steal second. Murphy struck out. In the fourth, Pechin made the only run for '94.

Fitts, '95, while sliding home collided with Drake, catcher for '94. Drake was knocked down and suffered a bad break of his left leg. Ninety-four was not discouraged by the loss of its catcher. Moody went into the box and Mink behind the bat. Green replaced Moody and Jones took left field. As '94 came to the bat in the 5th, a blue flag with '95 in yellow letters was seen slowly sailing toward the flag pole; when near its destination, a line was thrown over the ropes and the two Freshmen hastily drew the flag back, to prevent its falling into the hands of the Sophomores below. No sooner had they grasped it again than the Sophomores appeared on the roof where they were. For want of a better place the Freshmen dropped the flag down the chimney, and the Sophomores, after making a thorough search of the Freshmen's apparel, investigated the chimney, pulled the flag out from below, and carried it on the field amid the yells of '94. Encouraged by the capture of the flag, '94 made three runs, while '95 was unable to score, although the bases were left full.

In the sixth, Murkland, Jones, Moody and Maxwell scored for '94; '95 could not get a man to first. Meade made a pretty catch of a difficult fly from Thomas. In the seventh neither side scored, but both made a run in the

ful work, Wadsworth driving wild. One set to love, Horton wins.

Wadsworth won the first game in the next set on service. Horton won the next on errors. Wadsworth took the next the same way. Horton pulled the next game out from vantage against him by a smash, a netted ball by Wadsworth, and a good pass. Two all. Horton now settled down to business, and won the next four games and the set by excellent work. Two sets to love, Horton wins.

Wadsworth won the next game by playing good tennis. Then he weakened, and Horton, playing in excellent form, took game after game and the set, 6-1.

Total score :—

| SET ONE. | | | | | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|----|-------|----|----|-------|---|
| Game | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | T. G. | n. | o. | p. f. | |
| Wadsworth | 7 | 1 | 4 | 4 | 4 | 3 | 5 | 2 | 3 | 2 | 35 | 4 | 10 | 12 | 2 |
| Horton | 5 | 4 | 0 | 1 | 6 | 5 | 3 | 4 | 5 | 4 | 37 | 6 | 6 | 11 | 2 |

| SET TWO. | | | | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|-------|----|----|----|----|---|
| Game | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | T. G. | n. | o. | p. | f. | |
| Wadsworth | 5 | 0 | 4 | 5 | 3 | 0 | 3 | 2 | 22 | 2 | 9 | 12 | 9 | 1 |
| Horton | 3 | 4 | 2 | 7 | 5 | 4 | 5 | 4 | 34 | 6 | 7 | 5 | 10 | 0 |

| SET THREE. | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|-------|----|----|----|----|---|
| Game | 1 | 2 | 3 | 4 | 5 | 6 | 7 | T. G. | n. | o. | p. | f. | |
| Wadsworth | 4 | 2 | 5 | 2 | 0 | 0 | 1 | 14 | 1 | 14 | 6 | 4 | 0 |
| Horton | 2 | 4 | 7 | 4 | 4 | 4 | 4 | 29 | 6 | 8 | 1 | 9 | 1 |

Average: Wadsworth, .346; Horton, .337.

T., total points; G., total games; n., netted balls; o., balls out; p., balls placed; f., double faults.

Horton is now lawn tennis champion of Technology, Wadsworth winning second place.

The matches in doubles went off much more slowly, the finals not being reached until the tenth. On the fifth, Taylor, '94 and Varney, '94, won a listless match from Richmond, '93, and Speer, '93, by a score of 6-0, 6-4. Gorham, '93, and Towne, '93, played a long match with Murkland, '94 and Claflin, '94, winning 6-1, 4-6, 6-1.

On the sixth, Sayward, '94, and Dickey, '94, defaulted to Davis, '93, and Abbott, '95, and Wadsworth, '93, and Winslow, '95, won from Bixby, '95, and Bardwell, '95, 6-4, 4-6, 6-1, in an interesting match, the freshmen showing up extremely well. The remainder of the first-round matches were played off Saturday, and one match in the semi-final.

Gorham and Towne were forced to their utmost to win against Taylor and Varney, as the score shows: 4-6, 10-8, 6-2. Howland and Horton reached the finals by winning two matches without much trouble, beating Davis and Abbott 6-2, 6-1, and Fuller and Foster 6-1, 6-2.

The second match in the semi-finals was played off Tuesday, Wadsworth and Winslow winning from Gorham and Towne, 6-1, 3-6, 6-1. This match brought out some excellent tennis, perhaps the best possible on the courts used.

Wadsworth and Winslow faced Howland and Horton in the finals on Thursday, May 12th, on the courts of the Longwood Cricket Club. The match was a hard-fought one, but Horton and Howland failed to develop a winning game, losing three straight sets. Score, 6-3, 6-4, 6-4.

There is a vast difference between such courts as the unfortunate financial condition of our Tennis Association permits them to offer us, and the real tennis court; and it is becoming more and more clearly evident that the future of tennis at Technology depends upon the acquisition by us of dirt courts. Until that is done, every tennis season here will be more or less of an experiment. The last has proved a successful one, to be sure, but the next may result in a failure by just as great a margin.

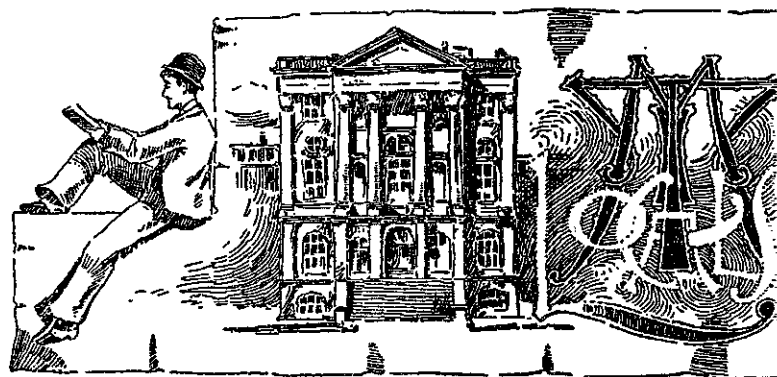
Summary of the matches :—

Singles: Preliminary round. H. A. Foster, '95, beat C. W. Dickey, '94, 5-7, 6-3, 6-3; F. H. Howland, '92, beat F. W. Bardwell, '95, 6-2, 6-3; N. S. Bean, '94, beat H. L. Rice, '93, 8-6, 6-3; T. Horton, '94, beat W. W. Cutler, '93, 6-1, 7-5; R. J. Duncan, '93, beat H. C. Buckminster, '95, 6-1, 6-1; T. Varney, '94, beat A. B. Payne, Jr., '93, by default. First round: A. G. Davis, '93, beat A. L. Mackay, '94, 6-3, 5-7, 6-4; A. B. Wadsworth, '93, beat W. B. Taylor, '94, 6-3, 6-4; H. A. Foster, '95, beat T. I. Chap-

man, '93, 6-4, 7-5; Howland beat Bean, 6-4, 6-2; Horton beat Duncan by default; S. H. Foster, '95, beat Varney, 2-6, 6-4, 7-5; A. A. Clafin, '94, beat L. A. Abbott, '95, 6-3, 8-6; W. H. Sayward, Jr., '94, beat E. I. Marvell, '94, 3-6, 6-2, 6-4. Second round: Wadsworth beat Davis, 6-4, 6-0; Howland beat H. A. Foster, 6-2, 6-1; Horton beat S. H. Foster by default; Clafin beat Sayward, 6-2, 6-2. Third round: Wadsworth beat Howland, 6-2, 4-6, 6-4, 8-6; Horton beat Clafin, 6-3, 6-0, 6-3. Finals: T. Horton, '94, beat A. B. Wadsworth, '93, 6-4, 6-2, 6-1.

Doubles: Preliminary round. W. B. Taylor, '94, and T. Varney, '94, beat H. A. Richmond, '93, and J. R. Speer, '93, 6-0, 6-4; M. Gorham, '93, and F. T. Towne, '93, beat F. H. Murkland, '94, and A. A. Clafin, '94, 6-1, 4-6, 6-1; F. H. Howland, '92, and T. Horton, '94, beat E. E. Denison, '95, and S. H. Foster, '95, 9-7, 3-6, 6-2; A. G. Davis, '93, and L. A. Abbott, '95, beat W. H. Sayward, Jr., '94, and C. W. Dickey, '94, by default. First round: A. B. Wadsworth, '93, and A. N. Winslow, '95, beat G. L. Bixby, '95, and F. W. Bardwell, '95, 4-6, 6-4, 6-1; Gorham and Towne beat Taylor and Varney, 4-6, 10-8, 6-2; Howland and Horton beat Davis and Abbott, 6-2, 6-1; A. D. Fuller, '95, and H. A. Foster, '95, beat R. J. Duncan, '93, and H. R. Barton, '93, 8-6, 6-1. Second round: Wadsworth and Winslow beat Gorham and Towne, 6-1, 3-6, 6-1; Howland and Horton beat Fuller and Foster, 6-1, 6-2. Finals: A. B. Wadsworth, '93, and A. N. Winslow, '95, beat F. H. Howland, '92, and T. Horton, '94, 6-3, 6-4, 6-4.

At Yale, 1,200 students adopted a constitution providing for the formation of a Financial Union of the four athletic associations, baseball, football, the Athletic Association and the boat clubs. The object of the union is to take charge of the investment and expenditure of all money acquired by the athletic organizations of the University.



It is rumored that one of the '92 Miners engaged.

John W. Adams, '87, and wife, of St. Paul are visiting in the city.

The tennis courts will probably be closing during examinations.

The Freshman Class is satisfied; they had their annual drill after all.

Many of the suites in the new dormitories have already been engaged.

This is the time of year when a Technician's bunch of keys dwindles.

The tennis tournament for the championship of 1892 will be held next fall.

Board of Editors of THE TECH is *more Fuller* than it has ever been before.

Several '92 men will return to the Institute next year, to fill positions as instructors.

S. H. Foster, '95, will not return to the Institute next year, but goes to Harvard.

Walter Ellis, '90, is to be married on the 2d of June to a young lady of San Francisco.

The Freshman's drill took place at 2 P. M. Tuesday, May 17th, in Mechanics Building.

Prof. W. H. Niles has been elected President of the Boston Society of Natural History.

H. D. Shute, '92, intends to continue his studies by a course in the University of Leipsic.

The examination in Course IX. Jurisprudence and French will be held Wednesday, May 25th, at 20 Rogers.

On Friday, May 27th, the Alumni tender members of the graduating class a reception at Young's Hotel.

Mr. Wheeler, of the Corporation, left for Europe on May 7th, in the same steamer with Professor Burton.

All books or periodicals taken from the Physical Library must be returned on or before Tuesday, May 24th.

Mr. H. M. Goodwin has been appointed instructor in Physics, and has been granted leave of absence for study abroad.

The Board of Editors of '94's "Technique" have offered \$10 for the best Institute song, and \$5 for the best original poem.

The larger part of the money has been raised to liquidate the football debt, the Association still owing some sixty dollars.

The back steps of Walker Building have been utilized for group photographs almost beyond their capacity, during the past two weeks.

The Hammer and Tongs Club had a group photograph taken Saturday, May 14th. The last dinner of the year will be held on the 28th at Parker's.

The members of the Freshman Battalion had their pictures taken in front of Rogers, Tuesday, May 10th. G. Waldon Smith was the photographer.

The Junior champion athletic team had a group photograph taken in running "togs" on the 10th. The artist was given a half holiday in which to recuperate.

We call the students' special attention to the advertisement, in this issue, of the new dormitory. It furnishes desirable information about the building.

W. B. Poland, '90, who has been working for the Government on the Block Island Breakwater, has resigned that position, and is now with the "Big four" railroad.

The schedule for the "annuals," as usual, brought forth smiles from many, and, of course, no end of grumbling from others. It's hard to arrange "snaps" for every one.

R. L.—: "Is '*monde*' masculine or feminine?"

Professor D.—: "That is according to whose world it is. I should say that yours is feminine."

One of the '92 Miners will go to Europe directly after the Summer School. He will combine with his pleasure trip a study of various coal mines of Great Britain and the Continent.

The Executive Committee of the Republican Club have decided not to send a delegate to the convention, and have issued circulars giving full particulars for being assessed, voting, etc.

Let us hope that the thoughtlessness of enthusiasm was responsible for the recent announcement on the "Technique" bulletin board that the editors of '94's annual desired to excel all "precedents."

At least four of the '92 Miners are going to the Summer School of Mining. A large number of the undergraduate Miners are going, and the School promises to be a very successful and pleasant one.

A full report of the Summer school of Mines, including scores of the two baseball nines (sixteen students and two professors make up the party), will be published in the first issues of THE TECH, next term.

Several ash barrels, full of broken test tubes, thistle tubes, cracked flasks, wooden pinchers, and other pieces of unreturnable apparatus, have been carried home from the Chemical Laboratory by the Freshmen.

At the last meeting of the Board of Editors it was decided to issue the weekly TECH on Thursdays, and the issue will contain eight or more pages of reading matter, twenty-eight or thirty numbers in all being issued in one school year.

Scene: Freshman Lab.

Student: "Professor, why don't I get a precipitate from this Bismuth solution? I added water, as you said."

Professor P-p- (absent-mindedly): "Why, you have the water too dilute, of course."

In the account of the Class Championship Games both the *Herald* and *Globe* stated that the Seniors won the class championship, and consequently held the cup won by them last year. The account given by the *Globe* reporter was especially poor, and there were several stupid blunders made.

It was a deplorable accident which happened to Drake, '94, in the baseball game with the Freshmen. One of the Freshmen nine in sliding home struck Drake with such force that his leg was broken. No one is to blame for the accident, and the members of '94 have shown much thoughtfulness in the many attentions paid their catcher.

The following promotions in the Freshman Battalion have been made: Sergeant P. M. Churchill, Co. A., promoted to 1st Sergeant Co. D, *vice* Lieut. Watkins promoted; Corp. G. Clapp, Co. D, to Sergeant Co. A., *vice* Churchill, promoted; Private J. W. Thomas, Co. D., to Corp. Co. D, *vice* Clapp promoted. The sergeants are as follows: 1st, Churchill; 2d, Winkley; 3d, Wolfe; 4th, Dickinson.

Steps are being taken toward the formation of an Institute Lunch Club. Membership is open to all persons who have been connected with the Institute, as students or instructors. The club is to correspond to certain local clubs in other parts of the country, and one of its chief ideas is to throw open its membership not only to graduates, but also to all who have in any way been connected with the Institute.

A meeting of the Society of Fine Arts was held on Thursday, May 12th. Dr. H. P. Bowditch, of the Harvard Medical School,

read a paper on "Anthropometry in Public Schools." The annual election of officers took place, and resulted as follows: Executive Committee, Messrs. G. W. Blodgett, C. J. H. Woodbury, Henry M. Howe, Geo. O. Carpenter, Chas. E. Powers. Mr. C. W. Andrews, Secretary.

A second meeting of the Republican Club was held on Thursday, May 5th, in Room 22, Rogers. A constitution was adopted, and the following officers elected to serve until next October: President, A. B. Payne, Jr., '93; Vice Presidents, C. H. Johnson, '93, C. L. Parmelee, '94, E. H. Huxley, '95; Secretary, C. B. Pollock, '94; Treasurer, W. A. Johnson, '94; Executive Committee, A. F. Bemis, '93, F. W. Fuller, '95, F. N. Dillon, '94.

The party going on the Summer School of Mines will leave Boston, June 1st, the morning after graduation, and will remain in Drifton until the noon of July 1st. One week will be devoted by each of the four squads to each of the four kinds of work,—surveying on the surface, surveying underground, mining work on and below surface. The party will be supplied with several of Professor Richards' "hand stadia telescopes."

F. W. Lord, in the account given in the Athletic columns of B. A. A. meeting on the 12th, does not give himself credit for the splendid races he ran in that meeting. From the 3-yard mark, he won second in the trials, first in the semi-finals, and ran a dead heat with Jameson, H. A. A., four yards, in the finals. Another heat was run off by these two and resulted in a tie again; then still another, which Jameson won. Lord showed great pluck, and not until the fifth heat did the pace tell on him.

The K₂S had its annual dinner Friday evening, May 6th, at Young's. Mr. G. T. Forbush officiated as toastmaster, and the toasts were as follows: "Why I Accepted the Presidency," H. R. Moody; "Finances," C.

B. Grimes; "Financiering: A Smoke Talk," G. H. May; "Our Laboratories," W. H. Wooffindale; "The Outlook," C. N. Cook; "Parliamentary Law," H. L. Rice; "Monetary Fraternalism," H. R. Batcheller; "Short Stories," A. C. Smith; "Co-education," C. T. Wentworth.

About fifty members of Course I. from the Junior and Sophomore Classes assembled in the Providence Depot, on May 6th, to bid farewell to Professor Burton, who was called to Italy by the illness of his wife. The members from '94, who will be chiefly affected by the absence of Professor Burton, presented him with a handsome cigar case, as a token of the high esteem in which they hold him. Though Professor Burton's journey was to be rather a gloomy one, those present could not refrain from giving him an Institute cheer as the train pulled out of the station.

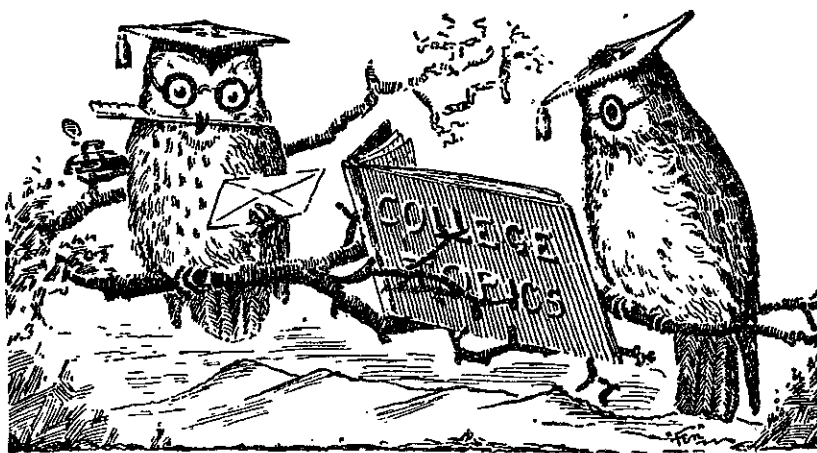
An oil painting has been on exhibition in Room 14, Rogers, painted by M. Puvis de Chavannes, the most distinguished living French wall artist. The subject is "L'été," (Summer), and the production is especially striking because of its peculiar rendering and color. M. de Chavannes is especially famous for having advanced the idea that a wall painting should look as though it were on the wall, and that the coloring and effects need not, therefore, be strictly true to life. The authorities are thinking of engaging M. de Chavannes to fresco part of the new Public Library. The painting is lent by Mr. J. H. Wade, of Cleveland, O.

The first annual initiation banquet of the Technology Chapter of the Delta Upsilon Fraternity was held at the Thorndike, Friday evening, May 6th. Representatives from the Harvard, Tufts, and Brown Chapters, and the Executive Council were present, and responded to toasts. There were fifty-five men at the table. E. C. Wells, '92, presided. Louis Derr, '92, was toastmaster, and called for the following toasts: "The Chapter," J.

Atwood, '92; "Before Graduation," J. R. Wells, '95; "Love," R. H. Sweetser, '92; "Song," H. R. Bates, '94, and D. C. Chaffee, '94; "After Graduation," W. S. Hutchinson, '92; "Our Suburban Brothers," K. F. Wood, '94; "The Fraternity," J. W. Logan, '93. The daily papers were mistaken about "the mysteries of the society." The Fraternity is not secret.

The order of the Commencement exercises will be as follows: The Baccalaureate Sermon, delivered by Bishop Brooks in Trinity Church, Sunday afternoon, May 29th; seats will be reserved for Seniors. The Class-day exercises will be held in Huntington Hall, Monday afternoon, May 30th, at half-past two. Each Senior receives six tickets for this occasion. Monday evening, May 30th, the Class Reception will be held at the Vendome; dancing and refreshments. Each Senior is allowed three tickets for the reception. No one will be admitted without a ticket. Tuesday afternoon, May 31st, in Huntington Hall, the Degrees will be awarded. This portion of exercises is entirely in the hands of the Faculty, and the Class-day committee has nothing to do with it.

Extrance examinations will be held in the Rogers Building on Thursday and Friday, June 30th and July 1st, and on September 22d and 23d. Also on the two former dates in the following cities: New York, Fifth Avenue Hotel; Philadelphia, Lafayette Hotel; Chicago, City Hall; St. Louis, Seventh and Chestnut Sts.; Cincinnati, Elm and Fourteenth Sts.; San Francisco, 401 California St.; Washington, 13th and K Sts., N. W.; Detroit, Bishop School; St. Paul, High School Building; Pittsburgh, Academy of Art and Science Building; Montreal, 1143 Dorchester St.; Denver, 513 and 514 Mining Exchange; Albany, Albany Academy; Poughkeepsie, Riverview Academy; Easthampton, Williston Seminary; Exeter, Phillips Academy.



The sum of \$250,000 has recently been bequeathed to the United States Government to erect a memorial hall at the West Point military academy.

The New York *Tribune*, *Sun* and *Times*, have 111 college men on their staffs.

Fifteen suits of clothes consigned to Harvard students, but confiscated by the custom officials, were recently sold at auction.

There are 119 elective courses open to Juniors and Seniors in the academic department at Yale.

Chauncey M. Depew has, for the ninth time, been elected President of the New York Alumni Association of Yale College.

Jay Gould has given \$25,000 to the University of the City of New York.

John Poe, half back on the Princeton eleven, left college last month. It is doubtful whether he will return.

The Peabody Museum has been presented with the skeleton of an alligator supposed to be the largest in existence.

An instructor at Lehigh University who was burlesqued by the students at their minstrel performance, has become insane.

A Temperance League has been organized in the University of Pennsylvania. Its chief object is to do away with drinking at class suppers.

A football squad of fifteen men has been organized at Williams.

There are 100,000 books in the University of Pennsylvania library.

At the recent Oxford-Cambridge athletic games, Frye, of Cambridge, made a running broad jump of 23 feet 5 inches.

Most of the University of Pennsylvania nine think that Harvard is stronger than either Yale or Princeton in batting, and about as good in the field. Princeton, they say, fields well, but is weak at the bat.

\$1,000,000 is asked for by the trustees to complete the building equipments and organization of the Chicago University.

The students of the State University of Illinois have started a movement for a \$25,000 Christian Association building.

John D. Rockefeller has given \$35,000 to Vassar College for the completion of the new dormitory in progress of erection.

The *Lafayette* has adopted the reform method of spelling, of which Professor March of Lafayette is the leading advocate.

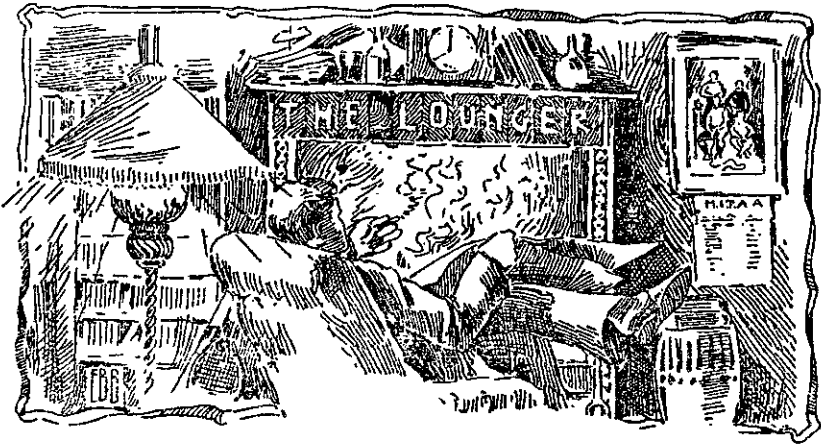
A girls' gymnasium, a professors' clubhouse, and a hospital are being built at Stanford University, California. The total cost will be \$31,000.

Henry B. Lathrop, instructor of English in Harvard University, has been appointed assistant professor of English in the Leland Stanford Junior University. Professor Lathrop is a native of California, being a son of the Rev. Dr. Lathrop of East Oakland.

Seven members of last year's crew of the University of Pennsylvania have refused to row again this year.

William S. Bull, the great Yale full back, has been secured by the Wesleyan University graduate advisory board to coach the football team next fall. Mr. Bull will have entire charge of the eleven throughout the football season.

At the recent Columbia games, Collis, '92, broke the college record for the half-mile walk, making it in 3.22.



SPEAKING of the year drawing to a close, reminds the Lounger of a game in which he tried drawing to a straight, and failed to connect. Just why it should do so is of minor importance; but while the iron is in the fire, so to speak, he might touch lightly on the subject so familiar to all around him.

Macbeth, although everyone probably isn't aware of it, possessed "true sporting spirit," and one evening saw seven kings, and had an experience with a "Banco" man, the same evening, who had a hectic "flush." That sounds like a good story; but the Lounger is becoming discouraged; for he has noticed that whenever he tells something which he thinks out of the ordinary, some one always pulls out a fish just a little larger than the Lounger's.

If he wished, the Lounger could stretch his imagination, and the most accomplished in the art would have but a small chance against him. But the Lounger is nothing if not truthful. He once knew a man who stretched his imagination so that he was able to have a new spring suit made out of it. He was very proud of it, and used to flaunt it in the faces of his less accomplished friends. He had a fall, though; for one day a man came along with a story about seeing a game between '94 and '95, at which '95 successfully "flew" a flag and kept it out of the hands of '94.

The Lounger has no desire for such prominence. He would rather graduate from Tech., and then go somewhere and be asked where Tech. was, what Tech. was, and if he had to work hard at Tech. All these things have been asked of the Lounger, and borne heroically; but the last drop of endurance was drawn from the bucket when he was asked if a certain man "was a pupil at the Tech."!

Anticipations of summer's respite with visions of Cupid's bow and arrows are crowding in on the Lounger's thoughts. He feels that indescribable something which lends lightheartedness to the weary and gives buoyancy

to the oppressed. He is wondering whether fate has decreed him to be the "only man" at some enchanted mountain rest, or one of many at the bacchanalian seaside. He is wondering if he is to be the only, the ever-welcome and much-sought-after man at some mountain inn, or if he shall be one among a slavish *coterie* of the shore's belle; shall he be the courted or the courter? Shall his heart be hardened to the many maidens' charms, or shall it be found at his sleeve? Besieged or besieger?

A story, wherein the punishment fitted the crime, has reached the Lounger from behind "the closed doors."

It was years ago, before tennis was allowed in the Gym, that a petition begging permission to play the game there was sent in to our fate producers. There was but one in authority who could judge of the desirability of granting the petition. He carried a tennis ball into the meeting, and when called upon for his opinion of the matter, carelessly tossed the ball up and down, showing its harmlessness.

"Why," he said, "it's a harmless thing, and will scarcely break glass." Whereupon, with misjudged force, he tossed the ball at the transom. Behold! the ball went through with a crash. The petition was granted immediately.

TARIFF FOR REVENUE.

You ask me why to Dora
I send so many rhymes,
Instead of Rose and Nora,
As in the olden times.
I fear I am a sinner,
I ask if you agree,
Sweet Dora gives me dinner,
The others only tea.

—*Harvard Lampoon.*

The University of Chicago has begun the granting of scholarships by offering twelve scholarships to twelve of the high schools of that city.

Timothy Hopkins, recently treasurer of the Southern Pacific Railway, has presented his collection of railroad books, numbering 1,000 volumes, to Leland Stanford University.

Seventy institutions are represented among the one hundred and twenty students in the Yale Divinity School.



A COMPARISON.

A statesman-in-embryo fixes his eye
On a point that is not over lofty and high;
One motive there is that inspires him with vim,
To "get on" is the motto that influences him.

When older and wiser he'll climb a round higher
To Congressman, Senator, and what not aspire,
For now he's "got on," to get honor he strives,
The second great step in political lives.

The time comes at last when, for sake of his health,
He leaves the arena which brought him his wealth.
"Get on" and get honor, his mottoes have been,
He'll spend his last days to get honest, I ween.

—*Trinity Tablet.*

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LONGING.

In the mid-silence of the night
I dreamed of thy sweet charms and woke.
I stretched out longing arms, and broke
The stillness, with lament for plight
So hard, for *thou* had'st fled!

Ah! never had'st thou seemed so dear,
So loved by me thy soft, warm charms,
As when in cold, void space my arms
Groped shivering, nor felt thee near,
Warm quilt that decks my bed!

—*Red and Blue.*

THE UTILITY OF POETRY.

I write to Ruth a sonnet sweet,
A poet I, would you believe it?
And then I haste with eager feet
To see if gladly she'll receive it.

Lo! on her lips my word she lays,
Now to her breast she clasps them! Graces,
Receive mine homage all the days,
My lines are fallen in pleasant places.

—*Brunonian.*

A DRAWING.

We were seated round about him,
As he drew!
Watched his features close and pondered
Long and deeply, deeply wondered
What he drew.

But when to our eyes his drawing
Was display'd,
Great disgust filled all our faces,
For he'd drawn four beauteous aces,—
So we paid.

—*Columbia Spectator.*

SPACE.

The teacher asked, "And what is space?"
The trembling student said,
"I cannot think at present,
But I have it in my head."

—*Collegium Foreense.*

EVOLUTION.

On Sunday morn he wore a simple knot,
Because his shirt had neither crease nor spot;
On Monday morn he donned a four-in-hand,
For reasons you will shortly understand;
On Wednesday morn he wore a monstrous puff,
For reasons we may fancy good enough;
Thereafter in a sweater he was clad,
For he had just one shirt per week—how sad!

—*Williams Weekly.*

HER ONLY FAULT.

(From the German.)

I know of a maiden,
A lovable child,
So joyous, so cheerful,
No wind is more wild.

Her eyes are so light blue,
Her cheeks are so round,
Her brow is snow-white, and
With blonde hair is crowned.

And she, such a noble
Young spirit assumes,
In her there's a flower
Of virtue that blooms.

And yet this fair maiden,
This angel divine,
A terrible fault has,—
She will not be mine.

—*Brunonian.*

A PHYSICAL WRECK.

He cannot draw for want of "eye,"
He cannot sing for want of "ear,"
He can't play ball for want of "head,"
Nor bluff for want of "cheek"—how queer!
—*Williams Weekly.*