



Published throughout the school year by the students of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Entered as second-class matter Sept. 16, 1911, at the Post Office at Boston, Mass., under the act of March 3, 1879. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized on July 19, 1918.

**MANAGING BOARD**  
 W. G. Peirce, Jr. '24.....General Manager  
 G. C. Reinhardt '24.....Editor  
 R. B. Bamford '24.....Managing Editor  
 D. M. Schoenfeld '24.....Business Manager

**ASSOCIATE BOARD**  
 J. P. Ramsey, Jr. '25.....City Editor  
 F. A. Barrett '24.....Sports Editor  
 G. F. Geis '25.....Features Editor  
 Shedd Vandenberg '25.....Advertising Manager  
 D. A. Henderson '25.....Circulation Manager  
 J. H. Hooks '25.....Treasurer

**EDITORIAL DEPARTMENT**  
 Editorial Board  
 E. D. Cahill '25.....A. M. Kallet '24  
 P. J. Cardinal '24.....David Lasser '24  
 F. H. Shaw '24.....

**NEWS DEPARTMENT**  
 Night Editors  
 H. L. Bond '23.....G. H. Southard '23  
 L. E. Fogg '24.....

**NEWS WRITERS**  
 P. K. Bates '24.....E. H. Long '25  
 W. W. Dudley '24.....T. W. Owen '26  
 E. L. Dietzold '25.....Charles Rich '26  
 O. B. Robinson '26.....

**Sports Writers**  
 C. H. Barry '26.....G. Y. Anderson, Jr. '24  
 M. L. Sinnicks '24.....M. S. MacNaught '24  
 H. G. Shea '24.....P. W. McGinnis '25

**BUSINESS DEPARTMENT**  
 Advertising Division  
 Assistant, A. M. Worthington '25

**Circulation Division**  
 Staff  
 C. J. Everett '26.....E. G. Pennock '25  
 P. W. Learoyd '25.....

**Assistants**  
 W. L. Nye '25.....L. R. Collins '25  
 E. M. Davidoff '25.....

**Staff**  
 R. G. Myerand '26.....L. M. Lucas '26  
 C. A. Oliver '26.....

**Treasury Division**  
 Assistants  
 A. O. Sheppard '25.....G. W. Glennie '24

Member of Eastern Intercollegiate Newspaper Association

In Charge of This Issue  
 L. E. Fogg

Monday, March 26, 1923

**AN ITEM OF CONCERN**

FOR the two years preceding 1922 Technology's swimming team was New England Intercollegiate Champion. Last year it barely tied for fourth and this season only the game efforts of two men saved the Institute from a complete shutout. The defeats, disastrous as they have been, are not the items of chief concern. The danger lies in the way they occurred.

Last year's team was beaten minus the services of several of its best men, absent from the meet without valid excuse. This year between illness and neglect less than half the varsity entered the preliminaries. The relay was withdrawn because only one regular and two substitutes could be found to fill the four positions.

Captain Stewart, though sick and unable to swim, was present to direct his men. Lynn Marsh and Paul Carver scoring the points, and several other men, shut out in the first heats, showed what could have been done if they had had the support of the rest of their teammates.

The actual situation is somewhat shrouded in mystery as disasters are wont to be. Yet one fact stands out clearly enough. The swimming team has not infused into its men the fighting spirit necessary to success which, however, does not necessarily mean victory. Whether the fault is in the system under which they train or with themselves we do not profess to know. The duty of the new captain and coach will be to find and eliminate it by next season. If a team is worth having it is worth training and working for.

**FIGHTING SPIRIT**

VICTORY is not the sole measure of worth. Thursday, Brown's wrestlers won a championship from the Institute's representatives but Technology ought to be proud of the possession of the team which took its defeat from a superior force in such a way.

It was a refreshing proof that Technology's athletes can "play the game" with the best. Every man was at his post of duty and every one gave his utmost for the team. They lost but they did much more for the cardinal and gray than if they had triumphed in a less worthy spirit.

The wrestling team put real effort into its work the past season, as the intercollegiate bore testimony. Men have to observe training rules to get stamina for that kind of a fight. Altogether the record of Captain Herford and his squad is to be highly commended but most of all it should be set up as a mark for the other teams at the Institute to shoot at.

**The World's Affairs**

**Foreign**

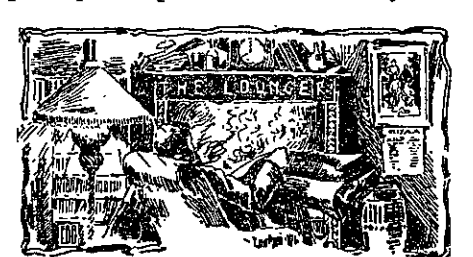
March 25. The Nationalists in control of the French Parliament are making the passage of the Washington Naval Treaty difficult. This party has been opposed to the treaty from the start and are in favor of reservations similar to those adopted by the American Senate.

March 25. The Facisti movement has spread to Mexico. Already, it has gained twenty thousand followers in the larger cities such as Vera Cruz, the City of Mexico and Tampico. The avowed purpose is to combat Bolshevism.

**Local**

March 25. Rum smugglers have been discovered at the exclusive Cliff Hotel at North Scituate. The fashionable summer hotel was used in signaling confederates operating along the coast at night.

March 25. Major Dremman, chief of the personnel of the air service at Washington, predicts that within ten years Boston will be one of the principal airports of the country.



"Institute Dissolving"—or disrupting, or revolutionizing,—or something anyway. The Lounger has been astounded at the ultra-rapid developments which have come to view during the past few days. First Bursar Ford leaves town with \$800, representing an even 160 fines and conditions, all the result of a single day's killing. The Lounger suspects he is going to form a syndicate with the bursars of other colleges to see if they can't accumulate enough five dollar bills to put the German mark back to its normal basic value.

Next comes the report that Dean Talbot is going on a six months' leave of absence. The Lounger is conjecturing whether it is all a put-up job, and if Uncle Horace will meet the Dean and divvy up the \$800 a la fifty-fifty. The tough part of it is that now the Lounger has to get on the right side of the acting Dean if he wants to remain at the Stute. One way or the other, the space under the big dome will be free to students, for Building Three is to have its own Main Lobby till September.

And last, but not least, the Lounger has after thirteen long decades, discovered the first man in history to oversell the Coop. Charlie Spofford decided \$5 was too high for a new "Theory of Structures" at the Coop, and so made up his own little sales campaign of selling second-hand "Theories" in his office for \$3.60. But the Coop wasn't to be outdone and so cut its price for the new books to \$3.50—ten cents less than Charlie's seconds. Looks as though the Civil Engineering Department had been taking one of Corpse XV's courses in Higher Financing.

"In the Spring, a Young Man's Fancy Lightly Turns to Thoughts of—Love." And so the tennis team gets into action. Until the ground is dry, however, only inside courting is possible.

**INTERCOLLEGIATES**

**Columbian Debaters Go Overseas**  
 The tendency for athletic teams to make extended trips abroad has recently given impetus to non-athletic college activities in this direction. Columbia University is sending its debating team to England this summer. The trip is being made in return for the visit of the Oxford debaters to this country last fall and a schedule has been arranged for meetings with the leading college teams there.

**Science Students Honored.**

The Yale chapter of Sigma Xi, the honorary scientific fraternity similar to Phi Beta Kappa recently announced the election of sixty-two new members. Graduate students numbered twenty-five of these while fifteen more were professors. Of the twenty-two undergraduates, sixteen were elected from Sheffield and six from the college.

**Geology Calls for Outdoor Men**  
 By the Course XII. Instructing Staff

The undergraduate course in geology given at the Institute does not aim to specialize but does give a broad general training in geologic science which equips a man to enter almost any of the several fields open either along the lines of practical application or those purely scientific. Specialization is left more for the graduate years though even here advanced degrees are not conferred unless the student has attained a broad outlook upon the science as a whole. The student who has just completed his undergraduate course is not encouraged to enter directly upon graduate work. He had best go out into the field for several years to find himself and more particularly to find out in which subjects he needs more intensive training.

**Geology a Commercial Science**

Geology is the science of the Earth and therefore, in an applied sense, deals with the Earth from the viewpoint of industrial development. Securing the economic resources of the Earth, whatever they be, is far from being an engineering problem alone. Successful explorations for these resources depend on geologic science. The time when geology was a science "for science sake" alone has long since gone by. Today the larger mining companies, many of the railroads and most of the oil and coal companies have geological staffs and in many engineering projects geologic knowledge is of paramount importance. There are today many openings for the young geologist in these several commercial lines.

**Government Offers Position**

Furthermore, the federal government and many of the States maintain geological surveys, whose work follows along many lines both economic and purely scientific. In these organizations new men are always being added to the staffs as the older men with their ripened experience step out very generally into commercial positions.

The purely scientific field in geology should not be overlooked. To those who like investigative research the opportunities for accomplishment are many. There are always unsolved problems to conquer. It is, of course, impossible to differentiate between applied and scientific geology. The most intensive research is often undertaken with entirely practical ends in view.

**Field Not Crowded**

The profession of geology is perhaps less over-crowded than many others and, as we view the future years with their increasing demands on earth resources, the outlook is indeed bright for those who enter the profession with the proper equipment and training. Those who now enter with well defined plans, with intelligence, and energy will succeed beyond any doubt. But nobody should be advised to enter the profession who does not feel a love for geological science and for geological work. Unless the geologist, in whatever particular line he may follow, is prepared to keep pace with the progress of science, unless he is willing to be a student all his life, he will not succeed. Lagging behind in a science means intellectual decay.

The undergraduate enrollment in the course in Geology at the Institute is small. This fact has great advantages for the student for his instruction, during especially the senior year, becomes largely individual. The instructing staff may be said to represent all branches of geologic science so the student becomes acquainted with the problems of all the branches.

**Special Advantages for Seniors**

Furthermore, the geological laboratories are adequately equipped with collections and apparatus so the students have ample working material and practically all this equipment and the collections are used and handled. Museum exhibition behind glass is not the leading feature of the department.

It is essentially a laboratory, or a series of laboratories, and a workshop.

The collections in economic geology are noteworthy and contain representative specimens from practically every mining district in the world and new material is constantly being added by graduates and members of the staff. The facilities for the microscope study of rocks and ores and for the preparation of the specimens for this work are complete. The mineralogical laboratory is modern and contains ample collections. The laboratory for the study of fossil organisms is adequately equipped and the department possesses one of the finest collections of building stone specimens in existence. Instruments for field study, a large collection of lantern slides, maps and a departmental library complete the equipment.

**Thorough Preparation Needed**

During the first two years, the student in geology devotes his time—as in most courses—to the fundamental sciences upon which his subsequent professional work is based. A thorough preparation in chemistry and physics is essential. Languages are important, especially French and German, since many of the important papers in geologic science are in these languages. Spanish is a very useful language owing to the rapidly growing opportunities in Spanish-America. And the student, in his preparatory years, should pay particular attention to descriptive geometry. The strictly professional courses come mostly during the last two years and here the curriculum is so arranged that a large portion of the hours is left open to fill by selection from a list of courses in various branches of geology or for the substitution of related engineering subjects.

**Calls for Rugged Physique**

Those who choose geology as a profession should be possessed of good physique. The geologist is often called upon to undergo real hardships in the field, for in many cases he is the pioneer in advance of any development work, often in out of the way places and under adverse conditions. The ability and willingness to accept such situations and keep going without overstrain are considerable assets. The mere liking of the great outdoors is not sufficient. The great outdoors is not always friendly and the geologist cannot often choose time, place, or season. The geologist must be mentally equipped with an investigative and engineering viewpoint. No two geologic problems are the same and geology does not work by formulae or rule-of-thumb methods.

As to securing perfectly congenial positions upon graduation, there may arise difficulties at times as is the case in any line of endeavor, but it may interest the prospective student to know that in 1922, when the course in geology graduated its largest class, and at a time when the mining industry was very generally at a low ebb in its operations, every man secured a position either through his own efforts or those of the instructing staff.

After Every Meal

# WRIGLEYS

Chew your food well, then use WRIGLEYS to aid digestion. It also keeps the teeth clean, breath sweet, appetite keen.

The Great American Sweetmeat

FOR BETTER DIGESTION

BRAIDED CORDS and COTTON TWINES

Trade Mark

Samson Cordage Works  
 Boston, Mass.

## PUBLIC SALES

We have purchased 122,000 pair of U. S. Army Munson last shoes, sizes 5½ to 12 which was the entire surplus stock of one of the largest U. S. Government shoe contractors.

This shoe is guaranteed one hundred per cent solid leather, color dark tan, bellows tongue, dirt and waterproof. The actual value of this shoe is \$6.00. Owing to this tremendous buy we can offer same to the public at \$2.95.

Send correct size. Pay postman on delivery or send money order. If shoes are not as represented we will cheerfully refund your money upon request.

**NATIONAL BAY STATE SHOE COMPANY**  
 296 Broadway  
 New York N. Y.

## PLAY DIRECTORY

COLONIAL: "The Perfect Fool." Ed Wynn is it.  
 COPLEY: "When Knights Were Bold." Good Comedy.  
 HOLLIS: "Lightnin'." Better comedy.  
 MAJESTIC: "Spice of 1922." Peppery review.  
 PLYMOUTH: "Just Married." Bedroom fun on shipboard.  
 ST. JAMES: "The Miracle Man." Cohan comedy.  
 SELWYN: "The Fool." Religious theme, an improvement on the usual run.  
 SHUBERT: "Greenwich Village Follies." Quite snappy in spots.  
 TREMONT: "The Torch Bearers." Amateur theatricals.

**HERRICK** Copley Sq. ALWAYS THE BEST SEATS

Phones 2328, 2329, 2330, 2331  
 Back Bay

## Walker Memorial Dining Rooms

Do You Know That

- By using our \$5.00 coupon book you save 10% on all meals?
- These books are on sale in the Cafeteria from 12-2:00 o'clock, and the office of the Dining Service throughout the day?
- Breakfast is served from 8-11:00 o'clock? Luncheon is served from 11-2:30 o'clock? Dinner is served from 5-7:00 o'clock?
- ALSO, the Grill Room which is open to all TECH men serves Luncheon from 12-2:00 o'clock? Dinner from 5-7:00 o'clock?
- Cafeteria SPECIALS are obtainable in the Grill Room?

Cover charge of five cents to cover service.

We Courteously Solicit the Patronage of All Tech Students  
**A. W. BRIDGES,**  
 Manager.