

A Record of Continuous News Service For 49 Years



Official News Organ of the Undergraduates of M. I. T.

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OFFICES OF THE TECH: Walker Memorial, Cambridge, Mass. News and Editorial—Room 3, Walker, Telephone Univ. 7023; Business—Room 302, Walker, Telephone Univ. 7415; Printer's Telephone—HANCock 8387 - 88

SUBSCRIPTION PRICE, \$2.50 PER YEAR. Published every Monday, Wednesday and Friday during the College year except during College vacations. Entered as Second Class Matter at the Boston Post Office. Member Eastern Intercollegiate Newspaper Association

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Adios: Roddy, Hubbard, Davis, and Truax.

TWO SCORE AND TEN

"A RECORD of Continuous News Service for Fifty Years" is the inscription which is to fill the "ear" of the next issue of THE TECH, the beginning of Volume Fifty-One. Three thousand, three hundred and seven editions have set a precedent and have gained an enviable reputation in college journalism.

Today there is published a Golden Anniversary Supplement, containing excerpts from THE TECH during the fifty years of its existence. The feasibility of electric lighting in the home is expounded with scholastic daring, and Thomas A. Edison is mentioned as "the electrician" for identification. Although the present paper has a greatly different form from that in which it first appeared, the purpose has not changed. Increasingly effective service has been given to the activities, and a unified student body has been the result.

With every Volume there is more or less that causes a great deal of favor and bitterness too. No doubt it would be possible to avoid hurting anyone's feelings. But with that there would be nothing to recommend the paper to a reader. The duty of a college paper is to present the news as it is and to interpret that news in such a way as to give cause for general undergraduate discussion. THE TECH cannot be accused of lacking in this respect.

There are many things that a retiring Managing Board might say to the students and to its successors. Each Volume has something that it can pass on to the next as something in which it has excelled, so that the paper may make its progress positive. But advice is never as effective to the man newly assuming duty as to one who has spent his own ideas. That can be saved until the time is opportune.

Therefore let us hold before the new Managing Board the idealistic and courageous spirit of Browning who wrote:

"One who never turned his back, but marched breast forward; "Never doubted clouds would break; "Never dreamed, though right were worsted, wrong would triumph; "Held we fall to rise, are baffled to fight better, sleep to wake."

ELECTIONS AND PROMOTIONS

THE TECH, Volume L, takes pleasure in announcing the following elections to the Boards and Staffs for Volume LI: Managing Board: General Manager, Charles M. Thayer '32; Editor, Addison S. Ellis '32; Managing Editor, Stuart R. Fleming '32; Business Manager, William H. Barker '32. Associate Board: News Editor, Paul E. Davis '33; Sports Editor, Frederick W. Wehmiller '33; Features Editor, Beaumert H. Whitton '33; Make-up Editor, Dayton H. Clewell '33; Advertising Manager, John G. Hayes '33; Business Service Manager, David B. Smith '33; Circulation Manager, Roland W. Fortier '33. Editorial Board: William L. Sheppard '33; Converse W. Sweetser '33; Edmund F. McLaughlin '32; Richard T. Craig '32; Alanson G. Bowen '33; Joseph L. Friedman '32. Associate Advertising Manager: Kenneth G. Bell '33. Associate Business Service Manager: George H. Ropes '33. Sports Writer: Fred W. Kressman '34.

Institute Uses Permanent Force of Eight Men for Painting Buildings

Number Is Increased to Three Dozen During Summer School Session

Keeping the three hundred fifty thousand square yards of walls and ceilings of the Institute buildings painted falls upon eight men during the larger part of the year and upon an additional thirty during the summer months. The crew of eight, working the year round, and the additional summer force, manage to give every wall in the buildings a fresh coat of color and protection at least once every five or six years, according to the use to which the room is put. This paint, with the aid of an occasional washing, keeps the Institute looking clean and neat.

During the regular term, when all rooms must be used in the day time, the paint crew works at night, often unnotified by the larger part of the students, who come back the next morning to a familiar room and perhaps never realize that it has been painted while they were sleeping. It is not always possible for a crew to finish a room in a single night, and it may do only a part, such as a ceiling or two of the walls. Large rooms, such as laboratories, lecture halls, and class rooms, take two or three days to complete, but offices can be completely repainted in a single night and be ready for use the next morning with all the furniture in place.

All Done With Spray Guns: All painting is now done with spray guns because after ten years of using brushes with considerable delay and trouble, it was found that this was the best solution of the problem. Brushes were last used in 1924 when the dormitories were refinished, and since that time considerable time and money have been saved by the use of the machines.

The spray guns are actuated by compressed air which varies in pressure from six to seventy pounds per square inch, according to the kind of paint used. Red lead, which is used to cover iron work, requires the most pressure, while shingle stain or light oils will spray well under a force as low as ten pounds.

The air compressor and paint tanks are carried on a small four-wheeled cart which can be moved from place to place and connected to any electrical outlet. Separate hoses, about a hundred feet in length, carry the paint and compressed air to the guns where the paint is forced out in a fine stream having considerable velocity.

In the winter and spring eight men, divided into crews of two men each, work either day or night, depending on the rooms being painted. Both men on a crew are skilled in handling the spray gun, as one man cannot stand the strain of spraying for eight continuous hours.

Use Three Shades of Paint: Three shades of paint are used in the rooms of the buildings. The lower coat, extending from the floor to a height varying according to the room,

is topped with a band of dark brown, three inches wide. The upper part of the walls and the ceilings are buff colored, as this shade is easy to keep clean and eliminates the hospital-like atmosphere produced by white paint. Straight lines are maintained by the use of a thin board six feet long which is held over the edge of one coat while the adjoining one is being sprayed on. To maintain their schedule of painting the entire building every five or six years, the painters must cover between thirty and forty thousand square yards a year. Most of this work is done in the summer when students are not so numerous and classes can be shifted from one room to another.

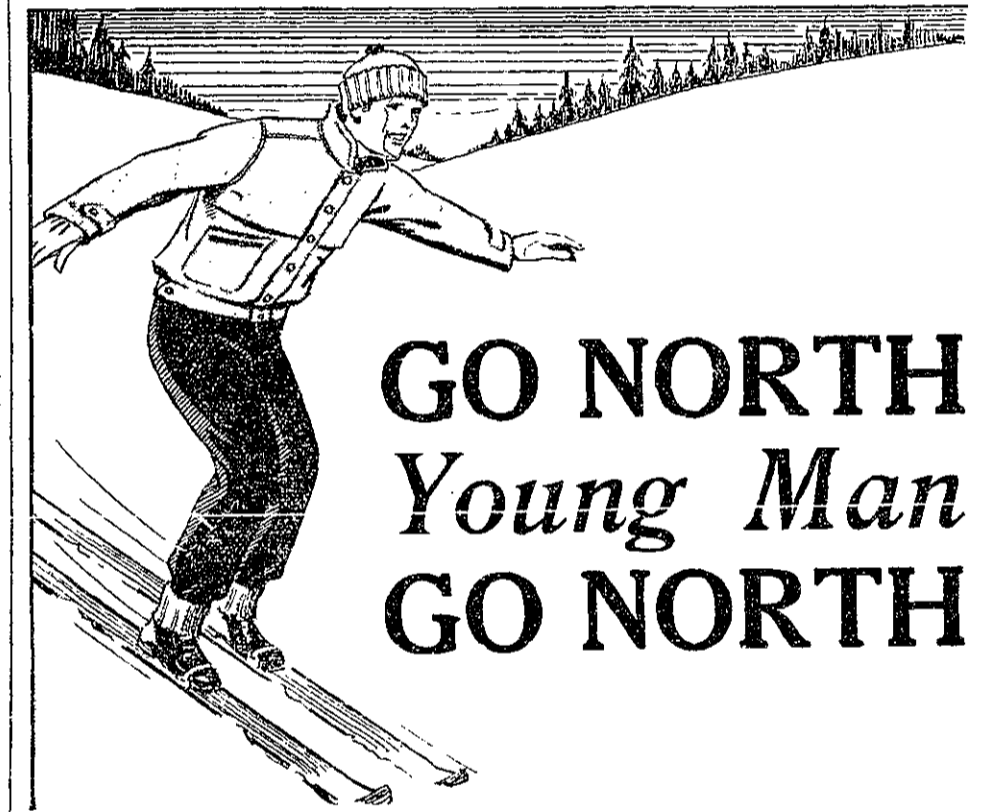
At the present time painting is being done at a cost of thirty-five cents per square yard as compared to the nearly sixty cents a yard required to do the work by hand.

INTERCOLLEGIATE BALL: Copley-Plaza Hotel: FEBRUARY 6, 1931: Dancing 9 to 2: Subscription \$3.00: Tickets for Sale by: Robert D. Castle '34, or in Eddie Pung's Pool Parlor

Organization of the Georgia Association of Junior Colleges has been completed with the election of officers and the appointment of committees.

EMF Electrical Supply Co. 430 Mass. Ave. Central Square Phone Porter 0250 Special Discount to Tech Students "Cambridge Headquarters for Everything Electrical"

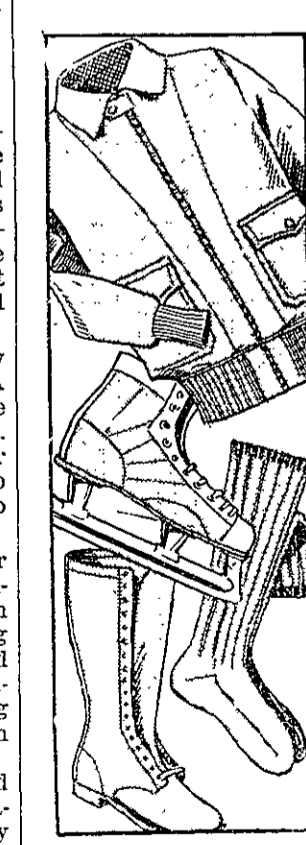
Travel Money For Your Trips: Harvard Trust Company: Letters of Credit: Traveler's Cheques or Foreign Drafts: Harvard Trust Company



GO NORTH Young Man GO NORTH

GO, and enjoy yourself, skiing, hiking, skating, tobogganing and snowshoeing. The Dartmouth Winter Carnival starts Thursday, February the 12th. Other carnivals are going on right now, at Lake Placid, Jaffrey and Littleton, New Hampshire. Before you go come to Jordan's, outfitters to sportsmen for 80 years.

Below we illustrate a few of the necessary requirements, selected at random from our wide and varied stock. They will be readily endorsed by college men because of their smart appearance, warmth and comfort. Their price, as always, is well within the budget of every college man.



- Scarlet Ski Jackets \$12.50: Smart looking, hip-length jackets, suitable for all winter sports. Made of 24-ounce wool with full cape of same material and concealed oilskin cape—assuring dry shoulders.
The Dartmouth Ski Pant \$10: Endorsed by all college men for winter sports. They are made of 20-ounce hard finished serge, with adjustable cuffs. Very trim, neat looking and easy to wear.
Suede Zipper Jackets \$18: Wonderful jackets, made of perfectly matched suede skins, with guaranteed zipper action front. With a light sweater under one of them you just can't get cold—absolutely wind-proof.
Canadian Tube Skates \$5.95: A fine skate. One of Jordan's best sellers. Equipped with unbreakable box toes (a new pair if the box breaks). Selected, tempered steel blades. Body of skates Chromium plated.
Elk Tanned Ski Boots \$14.75: For skiing, snowshoeing or hiking there's nothing like a strong pair of boots. You can wear two pairs of socks under these and your feet will always be warm and dry.
Heavyweight Woolen Socks \$1.25-\$3.50: A necessary item for anyone indulging in winter sports. An item that will make or break a good time, for if your feet are cold it's impossible to enjoy yourself.

LOWER FLOOR—STORE FOR MEN JORDAN'S

Dean Christian Gauss, of Princeton University, declares that one-third of the undergraduates in American colleges and universities today have no business ever going beyond high school.