



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.

MANAGING BOARD

- E. E. Kattwinkel '23 General Manager
W. G. Peirce, Jr. '24 Editor-in-Chief
C. H. Toll '23 Treasurer
Ingram Lee '24 Managing Editor
L. B. Leighton '24 Advertising Manager
E. M. Goldsmith '23 Chairman, Editorial Board
D. M. Schoenfeld '24 Circulation Manager
R. B. Bamford '24 Sporting Editor

EDITORIAL BOARD

- I. Gerofeki H. F. Cotter
F. N. Perry E. D. Cahill
A. M. Kallet H. A. Bruson
P. A. Ryan C. R. Conway
David Lasser F. H. Shaw

NEWS DEPARTMENT

- Associate Editors: R. E. Dorr, E. W. Reynolds, John Magee, Jr., E. S. Gray, F. A. Barrett, H. B. Cuthbertson, G. C. Reinhardt, K. B. Castle, P. K. Bates, L. E. Fogg, J. P. Ramsey, Jr., P. R. Goldings, G. F. Ashworth
Assistant Editors: N. Cohen, D. A. Sherman, S. H. Caldwell, G. Y. Anderson, Jr., W. W. Dulleit, M. S. McNaught
Staff: E. H. Long, E. G. Pennock, R. L. Dietzold, J. L. Lewis, G. I. de Benneville, H. J. Ryan, T. W. Owen, H. G. Shea, J. E. Sutcliffe, C. W. Moore, Charles Rich, A. I. Remus, O. B. Robinson, C. H. Barry, F. W. Hall, M. L. Sinnicks, B. Lewis

TREASURY DEPARTMENT

- Assistants: F. L. Gemmer, A. W. Rhodes
Staff: J. H. Hooks, R. E. Whitford, E. D. Murphy, W. M. Glennie, E. W. Carlton, G. M. Woll, M. M. Fireman, A. O. Sheppard

ADVERTISING DEPARTMENT

- Assistants: H. C. Rickard, Sheild Vandenberg, S. S. Merrick, A. M. Worthington, B. E. Bartlett, C. L. Simonson, J. D. Bates, Jr.

CIRCULATION DEPARTMENT

- Assistants: W. L. Nye, D. A. Henderson, L. R. Collins, E. H. Davidoff, R. G. Meyerand, L. M. Lucas

PUBLICITY DEPARTMENT

- Manager: W. N. Webster
Staff: Warner Lumbard, C. M. Flynn, A. D. Phelps, Samuel Glaser

BOARD OF CONTRIBUTING EDITORS

- R. H. Frazier, K. C. Kingsley, H. W. Dexter, F. G. Harmon, R. P. Shaw, C. C. Taylor, G. F. Nesbitt, C. L. Bond, J. C. Nowell, C. A. Brantingham, D. B. Jennings, W. D. Scofield

\*On leave of absence.

Member of Eastern Intercollegiate Newspaper Association

Subscription \$2.50 for the college year in advance. Single copies five cents.

Business office 302 Walker Memorial, Charles River Road, Cambridge, Mass.; business phone University 7415. News Room, 3 Walker Memorial, news phone, University 7029. After 1 o'clock on Sunday and 6 o'clock on Tuesday and Thursday, the night editor may be reached at Congress 4523.

All material for publication must be received by noon of the day previous to issue. The Editor is always responsible for the opinions expressed in the editorial columns, and the Managing Editor for the matter which appears in the news columns.

Although communications may be unsigned, if so requested, the name of the writer must, in every case, be submitted to the Editor-in-Chief. THE TECH reserves the right, however, to reject unsigned communications.

In Charge of This Issue: G. F. Ashworth, O. B. Robinson

Thursday, December 14, 1922

THE MESSAGE

It is peculiarly fitting that all Technology should gather in convocation on January second to receive its president-elect. His coming is like the new year, a symbol of new and better things.

Another era is ushered in with the introduction of Dr. Stratton. The handicap which Technology has suffered for three years because of lack of leadership is to disappear. Like an enormous machine, with its source of power shut off, Technology has been running under the force of its own momentum. No longer will this condition exist; our educational plant is to receive a new source of energy and its machinery will surge forward with renewed vigor.

Even without the added stimulus of a penalty of five dollars fine for not appearing in person for approved registration on Tuesday, there will be incentive enough to bring the entire student body to the year's first convocation. Within us all; yes, even the Senior to whom a president is no innovation, there is a feeling of subdued excitement and keen anticipation to hear the first message of the new executive.

THE RECITAL SATURDAY

It is unfortunate that more undergraduates were unable to attend the recital given by Mrs. Ross and Mr. Griffith last Saturday. Although quite a number of outsiders and members of the faculty were present, the proximity of examinations prevented many students who wished to attend from being there.

The large taking of the Music, and the good music of the undergraduates, be hoped that enough to bring the coming year...

CON

To the Editor: May we expect the recital given by Mr. The selection appealed to all of the large those of us morning, it vision to reme cient artists, for bringing halls, and situation can arr maining term ALB THC

To the Editor: In reviewing nations I find of informati men who ar nities. It i courses, exa are posted fo that I am co: are the minc

The advan papers are the general the type of p Then one ca by doing th the questio form of revit ages are al cause of th have been g ber of years is not hard t to "dope out exam to be I want it do NOT dis methods use collection of in this way, some metho have access This migh compiling of tute into an by someone them.

(Signed A. Dartmouth zation is nar Club. The the college way through vise all Dart travel abroa

FOR U

Regi

- (1) Stud Laboratory laboratory s (2) Those Laboratory 4-258.

Students material on December 11 can obtain it in Information Office, 10-100, except for students in Course IV, who should obtain material from Professor W. H. Lawrence, Rogers Building. It is arranged by Courses and Years. Give your Course, Year, and Name in applying for it.

UNDERGRADUATE

The night editor in charge of the next issue of THE TECH is G. F. Ashworth, telephone Winchester 609-J. All matters concerning the issue should be referred to him.

All men who are going on the Christmas trip of the Outing Club are to meet in the north hall of Walker on December 16 from 12:30 to 1 o'clock.

All misfit uniforms of the students of the advanced R. O. T. C. are to be returned at once to Major Putney in room 3-310.

FEMININE NUMBER LESS POTENTIAL? By Prof. R. E. Rogers

I begin to wonder why these recurring reviews of the Voodoo and T. E. N. Does anybody read them? If so, does anybody agree with them? Are they merely so much extra free publicity for the publications in question? Or is it a serious effort on the part of

Page Ten

SOME DYNAMIC FACTORS OF SOCIAL EVOLUTION (Continued from Page 3)

individual depends to a very considerable extent upon the environment furnished by the social evolution of the race.

Perhaps one of the most dynamic factors in this social evolution of the race, has been religion. Whatever theory one holds to account for the existence of religion, the fact remains that in every clime and among all races, some sort of religion, furthered the cause of social progress, except in the rare case where religion itself degenerated into savagery and barbarism, resulting in cannibalism and human sacrifice. In this connection it should be noted that apart from being a direct dynamic incitement to social progress, a most important function of religion has been as a preserver and conservator of progress. This latter function is instanced by one of the most significant events in history, an occasion on which mankind came so near to losing its accumulated traditions of progress that the event itself seems to have been east under a great cloud of loose and inaccurate talk and even looser writing, and to make a bad matter worse, it is designated in most histories, particularly Victorian histories, by a misnomer, for to mention the Fall of the Roman Empire implies that an empire really fell, whereas in the ordinarily accepted meaning of the word "fall," as applied to a political state, Rome never fell.

Partly as a result of the erroneous and overdrawn accounts of Hodgkin and particularly Gibbon, whose Decline and Fall of the Roman Empire is three-quarters fiction and one-quarter fact, the popular notion of that event seems to be that the virtuous barbarians (i. e. the Prussians) came down from their clean north woods, and having blown upon their stout oaken trumpets, like the sons of Israel before the walls of Jericho, the wicked and sophisticated city fell in ruins before their manly bravery. The whole thing is depicted as a contest between the Empire and the barbarians without, led by men like Alaric.

Now the preposterous nature of this account becomes apparent when it is understood that Alaric, although of barbarian birth to be sure, was himself a general in the Roman army, and revolted, rather than invaded, because he wished to

20, and M. D. Deatrice 20.

The final cuts have not been made and will not be made until the rehearsals have been under way for some time. If any men feel that they have not been given a fair tryout, a second one may be arranged by seeing E. P. Dunlaevy '24, stage manager. Practically all of the men who have been retained have had some experience either in Tech Shows of the past or elsewhere, and the Tech Show management is confident that this year's cast of characters will certainly equal those of the best of the former shows.

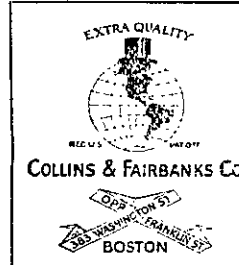
WANDERING GREEKS

Are asked to leave their names and the names of their fraternities and former colleges in the Information Office before January 15.

"ORANGE BLOSSOMS" AT THE COLONIAL THEATER

By Phillippe.

At the opening of "Orange Blossoms" at the Colonial on Monday night, Phillippe was greatly pleased for many reasons. In the first place there is not a chorus that is more interested in getting a date with the front row than in their dancing. The only true to type chorus work is done by some beaver boys who support the



Young Men's Union

LITERARY SUPPLEMENT

December 14, 1922

secure higher privileges within the Empire. The invasions of the Germans doubtless produced in the long run important results, but these came about very gradually. What actually happened in the so-called fall was that the elaborate bureaucracy by which Rowe was governed became so vast that it disintegrated from the sheer effect of its own inertia, and the Empire quietly dozed off into the coma of the Dark Ages.

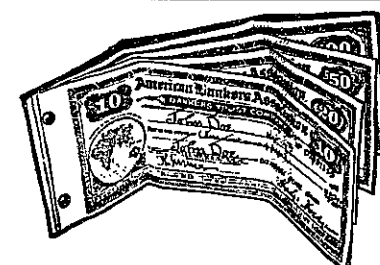
In one sense there was really little novel in the early Middle Ages. Much was lost, but little was found. A great part of the things ordinarily considered as characteristically mediaeval,—monks and saints and miracles; allegory and symbolism, the seven liberal arts; the Roman Catholic Church with its privileges and its peculiar superiority and detachment from the civil governments,—these were all well developed long before Alaric took Rome in 410.

It was during these years of the early Middle Ages, when civilization seemed to be drifting into barbarism, that the preservative function of religion was most manifest, for during all this period the lamp of knowledge burned dimly but bravely in many a cloistered hall and monastic abode, until finally in the Twelfth Century there was an awakening of intellectual interest which created the universities, the revival of the Roman law, the codification of the canon law, the systematizing of the patristic theology; then too came the growth of urban life, the extension of commerce, the blossoming of Gothic architecture, and the development of literatures of great beauty in the vernacular languages. At the same time Roger Bacon was laying the foundations which were to serve as stepping stones to his illustrious namesake Francis Bacon, whose Novum Organum, along with the works of Descartes, Baccaria, Condireet and Newton, served to usher in what has come to be known as the age of Science.

Along with the dynamic and preservative function of religion, the ideal of Democracy has been a potent factor in the social evolution of the race. To take but three out of an innumerable list of examples, there was the sturdy and vigorous democracy of the early Roman Republic, during which the basis of Rome's future greatness was laid. There was the later Middle Ages, during which Democracy, in its spiritual essence, attained its highest flowering, with the attend-

ant crystallization of all the permanent elements of worth in Graeco-Roman-Christian civilization. And there was the Eighteenth Century, marking a new innovation in the world of practical politics, when the American Republic was dedicated with the dogma that all men are created equal.

To the first two of these democratic periods came a crisis and test, and for reasons which no man seems to know, despite the learned but meaningless disquisitions of



A-B-A American Bankers Association Cheques

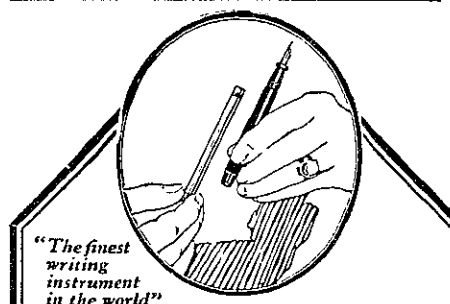
UNIVERSAL FUNDS FOR TRAVELERS

Wherever money means anything, A-B-A Cheques mean money. They add to the pleasure of traveling by removing worry over currency carried on the person.

A-B-A Cheques, the official travel cheques of the American Bankers Association, are sold by 11,000 banks and trust companies in the United States and Canada.

Denominations \$10, \$20, \$50, and \$100. Ask for them at your bank.

BANKERS TRUST COMPANY New York City



"The finest writing instrument in the world"

John Hancock CARTRIDGE PEN

Ever get caught in the middle of a lecture with a "dry" fountain pen?

All the ink is in the Ink Cartridge—not loose in the barrel. When you want to fill the pen, you simply slip in a new ink cartridge—22,000 word supply of ink. And how the John Hancock Pen does write! See your dealer.

POLLOCK PEN COMPANY Boston, U. S. A.

STYLE 852. Black Viking Calf Oxfords, box toes, leather soles \$12.90

At variance with the foregoing illustration, we present also the following, on same Haig Last:

STYLE 849. Tan Grain Oxfords, soft toes, perforated tips and vamp seams, leather soles \$13.65

Special 12% discount to Tech students, listed in the Tech Catalogue.

COES AND STODDER 10 TO 14 - SCHOOL STREET