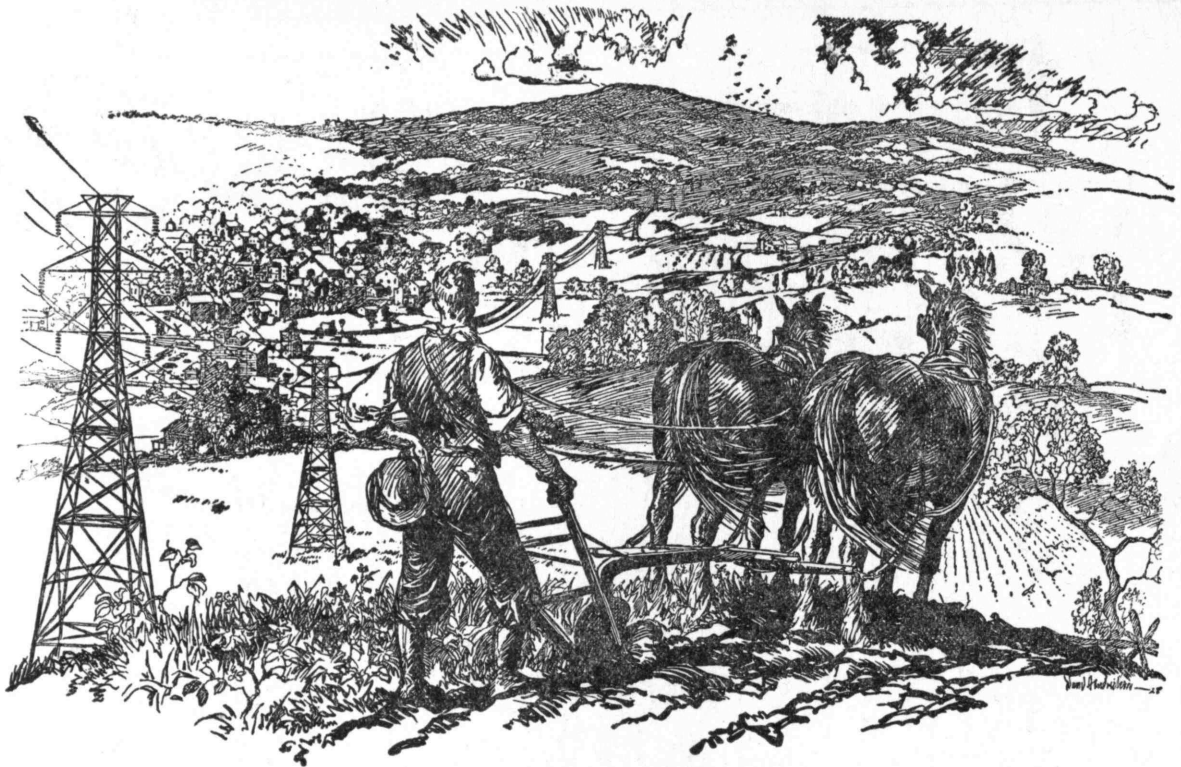


# THE TECHNOLOGY REVIEW



RELATING TO THE MASSACHUSETTS  
INSTITUTE OF TECHNOLOGY  
JANUARY • • • • 1929





## Back to the small town *Industry follows the path of power*

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# GENERAL ELECTRIC

Entrance will be made through an  
this point the roadway over the  
grades until it reaches a height of  
James River crossing is made,  
pick up the southern trail at  
ing to the Norfolk-Portsmouth  
concrete approach, crossing  
bridges and continu  
ed Churches

Philadelphia, consulting engineer. General  
awarded to the Turner Construction  
other major contracts have

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**Bridge**—The Goheen Corporation, Allentown, Pa.  
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work—Sam Donelson, Atlanta, Ga.  
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**I beam**—Carnegie Steel Company, Pittsburgh, Pa.  
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bridge, will see two details: the

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II-21.

Howard F. MacMillin,  
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The Hydraulic Press Mfg. Co.

# The TECHNOLOGY REVIEW

Relating to the Massachusetts Institute of Technology

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H. E. LOBDELL, '17 . . . . . Editor

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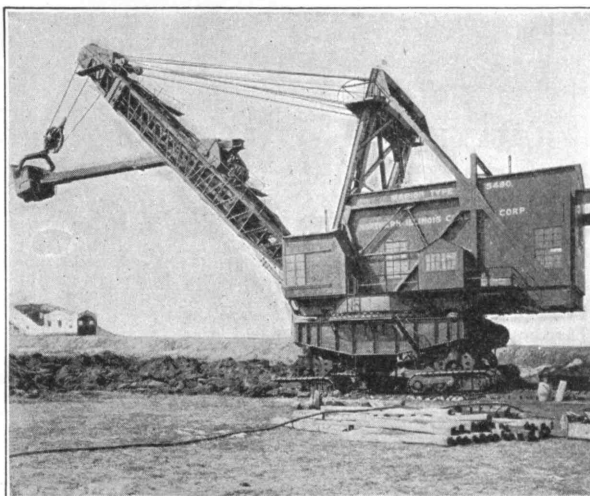
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## THE TABULAR VIEW

THREE new names appear in this issue of *The Review*. HERVEY W. SHIMER's article on evolution with certain changes will appear in his book, "Evolution and Man," which will be published in February by Ginn and Company. Professor Shimer has been on the Institute staff since 1903 and has been Professor of Paleontology since 1922. He has received degrees from Lafayette College, Columbia University, and Gettysburg College. His article treats of observable evolution in geology, plant life, language, and all aspects of life. ❑ RICHARD H. FRAZIER, '23, is an instructor in the Department of Electrical Engineering at the Institute. His interest in Honors Study arises out of his work as a General Counselor for one of the Electrical Engineering Honors Groups. ❑ JAMES R. KILLIAN, JR., '26, whose article on the history of telescopes appears in this issue, is the Managing Editor of *The Review*. ❑ F. ALEXANDER MAGOUN, '18, is an instructor in the Department of Naval Architecture and Marine Engineering. His book, "The Frigate *Constitution* and Other Historic Ships," was published by the Marine Research Society of Salem in February, 1928. ❑ The *Review* has never before on its covers used the work of Jacques Carlu, Professor of Architectural Design at the Institute. This year the using of two of his etchings is planned for that space. "Verdun. La Porte Chaussee," the subject for this month, is one of his best. The Editors are indebted to Alexander Macomber, '07, for the loan of it.

PUBLICATION of this issue marks the Thirtieth Anniversary of *The Review*; for Volume I, Number 1, dated January, 1898, made its bow on December 20, 1897, as a quarterly magazine. In format it was of the so-called standard size (6½" x 9½"), printed on antique stock (real rag paper) with tipped-in half-tones and photo-gravures, all wrapped in a sombre brown cover — a style of apron which was to persist for nearly a quarter of a century. The current format, issued monthly, was adopted in 1922. ❑ To the Association of Class Secretaries (there was then no Alumni Council and the Alumni Association was scarcely more than a perfunctory factor in the Technology community) *The Review* owed its genesis. The Institute having gained its thirty-third birthday the growing need for a dignified journal to disseminate and interpret its news and spirit to a rapidly expanding body of Alumni and an interested general public was obvious. ❑ The Association of Class Secretaries, a virile, aggressive organization in 1899, not only recognized this need but appointed three men to formulate a plan: Arthur D. Little, '85; James P. Munroe, '82; and C. Frank Allen, '72. Mrs. William Barton Rogers advanced them \$1,000 as a guarantee fund, they appointed Arthur T. Hopkins, '97, as Editor, and *The Review* became an actuality. ❑ After three numbers, Mr. Hopkins resigned; Walter Humphreys, '97, was Editor of one number (October, 1899) and with the beginning of Volume II, James Phinney Munroe, '82, assumed control. For eight years Mr. Munroe labored until in 1908 he



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## THE TABULAR VIEW

*(Continued from page 141)*

transferred the responsibility to Isaac White Litchfield, '85, who served for nine years, until 1917 when Robert E. Rogers became the fifth Editor. The present Editor succeeded Professor Rogers in 1922, and also at that time Eric F. Hodgins, '22, became Managing Editor until 1927 when he was succeeded by the present incumbent.

SO THE Review came into being and now is able to survey in retrospect three decades during which it has done its utmost to maintain and enhance the Massachusetts Institute of Technology and all for which it stands. Within its thirty bound volumes are recorded the events which have marked the progress of that institution since the "turn of the century" and the significant deeds of Presidents and professors, benefactors, Alumni and Corporation members, friends (and enemies, for every cause has some) whose personalities have been factors in that progress. ¶ Assuredly it is not immodest for The Review at this time to claim with pride that it has had some constructive influence, however slight, upon the policies by which in thirty years the Institute of 1899 has become the Institute of 1929 with a student body two and one-half times larger and current endowment of more than twenty-nine millions. Moreover, The Review with even greater pride may generously be pardoned if, on this anniversary, it rejoices even more fervently in feeling that its successive numbers have served to help maintain undiminished from 1899 to the present the sturdy characteristics of truth and hard work upon which the Institute's reputation was predicted and maintained under adversity. Added riches and added enrollment would not denote true progress of Technology if they had involved the compromise of her ideals. To this creed The Review has subscribed and will continue to subscribe, its editors hope, for many another thirty years.

THE Review has received a letter from a North Carolinian requesting that it recommend some magazine which surveys the fields of science and engineering. The inquirer has for many years been a reader of the *Scientific American* and he is now desirous of subscribing to one or two other periodicals that will help in keeping him well informed. ¶ It was nearly impossible to make any recommendations, for The Review knows of few magazines published professionally and not directed toward some trade that elude the Scylla of forbidding erudition or else that are not lost in the Charybdis of sensationalism. The *Scientific Monthly* is an admirable magazine for scientists, but one that is heavy for the layman. Most of the others are at the other extreme; they have sacrificed scientific integrity for catchcalls and wanton wiles. In the main they are sound and fury, not to be depended upon. ¶ There is a real need for some professional magazine that will present, authoritatively and yet understandably, information about events and progress in science and engineering.





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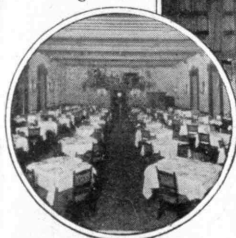
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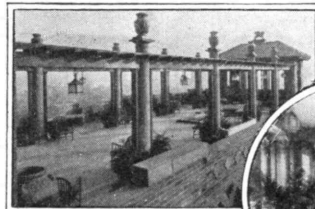
*The main dining room*



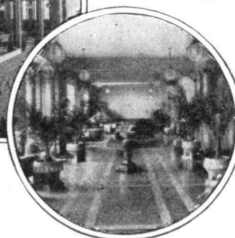
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