large number of men will be induced to try for the teams, and hence be led to systematically develop their bodies. Thus the total real benefits to be derived from this association will be great,—greater, it seems to me, than those derived from athletic contests as usually managed.

It is important that the interest already aroused at Technology be extended, and that the recently formed temporary organization be replaced by a permanent one before the term closes. We shall then be ready in the Fall to take up the work in earnest, and turn out a winning team at the Winter meetings.

I might add that Dr. Sargent has consented to address a mass meeting of our students on this subject, at some date in the near future.

R. E. Bakenhus, '96.

To the Editors of The Tech:

In the Boston Transcript of March twenty-first, there appeared an article warmly commending the work of the Mining Department of the Institute of Technology, and especially the work of the Mining and Metallurgical laboratories. The article made very kind reference to me, but gave me credit far beyond my deserts. I now ask the privilege of writing a few lines to give credit to whom credit is due.

Professor Rogers, the wonderful teacher, the leader of modern educators, who laid out the lines for this school, included in his preliminary "Plan and Scope of an Institute of Technology," published about 1861, the outlines of a mining laboratory in terms which apply perfectly to the developed laboratory of to-day. His foresight seems to have been almost prophetic, for the paper was lost sight of during the development.

In 1871 President Runkle organized the first Summer School of Mining in Missouri, Colorado, and Utah. He raised a subscription, and obtained reductions from the various railroads so that the trip could be made with moderate expense to the students. In the meantime he had arranged that Professor Ordway should design assaying and smelting furnaces for the metallurgical laboratory; he placed two students in milling works, one at Virginia City, Nevada, to study the milling of silver ores, and the other at Grass Valley, California, to study the milling of gold ores. He prevailed upon Mr. Scott, of Booth & Co., and Mr. Joshua Hendy to furnish us with a stamp mill and amalgamating and concentrating machinery for gold and silver ores.

When I took charge of the laboratory I found the furnaces built, the machines chosen, and two young men primed to post me on the mounting and running of the machines. All of this came through President Runkle's keen foresight and Professor Ordway's great experience and ready suggestion. With the laboratory thus equipped, the rest has been a matter of steady growth and development of processes, furnaces, and machinery.

Nor can I leave this without saying a few words of thanks to those who have helped me. I had the sympathy of Professors Ordway, Wing, and Rockwell, and later of Dr. Drown, in helping the development of processes and of adapting them to teaching. I have been greatly favored with assistants and associates, who actively or by suggestion have aided in the development of these laboratories which have just been the subject of such high commendation. The list is:

The late C. O. Parsons, who designed the new works for the Boston and Montana Consolidated Copper and Silver Mining Company.
B. H. Locke, Mining Engineer, Denver, Colorado.
C. E. Stafford, Superintendent Bessemer and Open Hearth Departments of Schoenberger & Co., Pittsburgh.
J. W. Revere, Revere Copper Company, now of the Dominion Coal Company.
E. W. Rollins, of E. H. Rollins & Sons, Bankers.
B. L. Beal, Engineering Department of the Boston Transit Commission.
W. Foster, Mining Engineer, Boston.
F. W. Wood, President Maryland Steel Company.
F. A. Emmerton, Iron and Steel Expert, Cleveland, Ohio.
The late Elmer Faunce, Mining Engineer, Georgetown, Colorado.
F. H. Prentiss, President of the Buckeye Electric Company.
F. W. Clark, of Jonathan Clark & Sons, Builders, Chicago.
Henry M. Howe, Metallurgist, who has just received the Bessemer Medal.
Geo. F. Knapp, Oglebay, Norton & Co., Cleveland, Ohio.
Newbert M. Randall, Chief Chemist, Maryland Steel Company.
Timothy W. Sprague, Electrical Westinghouse, Church, Kerr & Co., Boston, Mass.
Chas. F. Hastings, late Assistant Supt., Bessemer Department Pennsylvania Steel Company.
H. O. Hofman, Associate Professor of Mining and Metallurgy, M. I. T.
R. W. Lodge, Instructor in Mining and Metallurgy.

Robert H. Richards.