original scholar. Technology is certainly fortunate in securing such an able successor to Professor Van Dael.

LIEUTENANT HAMILTON.

Lieutenant Hamilton graduated from the United States Military Academy at West Point in 1890. He served as a lieutenant of artillery until his retirement in February, 1898. He was detailed, and later received a diploma for a special course of instruction at the U. S. Engineer School at Willet's Point, New York, in 1894. While on leave of absence, during the school year of 1896-97, he studied at Sibley College, Cornell University. After his retirement from active service, he took the degree of L.L.B. at the Law School of Boston University. He is a member of the Military Service Institution, an associate of the U. S. Naval Institute, and a member of the American Society of Mechanical Engineers and an associate of the American Institute of Electrical Engineers.

The Summer School of Metallurgy.

The Summer School of Metallurgy, composed of Greer, '99, Madero, North, Holbrook, Campbell and Badlam, 1900, and Marcus, '01, in charge of Professors Hofman and Richards left Boston on June 7. The first stop was at Oxford Copper Works, at Constables Hook, N. J., where the process of manufacturing anodes for electrolytic separation of copper and silver was observed.

The party next visited the Bethlehem Iron and Steel Works, inspecting the Blast Furnace, Open Hearth and Armor Plate Departments. The latter department was particularly interesting as side armor for the new battleships and heavy guns for the defence of Boston Harbor were under construction. The gun shop is the largest machine shop in the world, being one-third of a mile long.

At the Bethlehem Plant of the New Jersey Zinc Company, the manufacture of zinc, white and metallic zinc, was explained. From Bethlehem the party went to Pittsburg, where Koch, '98, joined the party.

The Shornberger Steel Co., The Homestead, Edgar-Thompson, and Duquesne Works of the Carnegie Steel Co., the Jones & Laughlin, The Crescent Steel Co. and the American Steel and Wire Co. were visited, every courtesy being shown by the officials of the several concerns.

A visit to the Essen, Number Three, Coal Pit, a model bituminous coal mine, and a day at the National Tube Works, at McKeesport, closed one of the most successful summer schools in the history of Course III.

The Musical Clubs.

The personnel of the Musical Clubs has undergone some changes. Of the Banjo Club, Foster, Boyd, Lockett, Sawyer and Walker, are back again. As the result of the trials the following new men have been taken on: Lang, '03, banjourine, Arnold, '03, banjo, Bradlee, '03, guitar.

Of the old members of the Glee Club, Davis, Hudson, Whittemore, Hawarth, Miller, Hooker, Allen, Friend, Brown, Freeman, Whiton and Patch are all on hand.

The club is made up as follows:—


The Mandolin Club for the coming season promises well to maintain the standard attained last season. The personnel of the club as nearly as can be stated to date is as follows:—First Mandolin, Poole, Chase, Ritchie, Oxnard, E. J. Stone; Second Mandolin, Higgins, Brooks, Brownell; Guitars, Bronson, F. S. Bradley, Pendill; Flute, B. S. Clark; Mandola, Whitney; Cello, position vacant. As soon as music can be arranged, the Club will begin rehearsals.