SECTIONS.

Section of Photography and Microscopy.—Stated meeting held in the Hall of the Institute, October 27, 1910. Dr. Henry Leffmann, President, in the Chair; J. W. Ridpath, Secretary. Sixty members and visitors were present.

The meeting was called to order at eight o'clock. The minutes of the previous meeting were approved as recorded.

Dr. Henry Leffmann presented a communication on "Organic and Inorganic Forms Shown with the Projection Microscope." This very interesting lecture was illustrated by nine microscopic slides of vegetable organic forms including sections of seeds, leaves, roots, etc. Eight slides showing animal forms including mosquito and larva, head of tapeworm, proboscis of moth, etc. Also ten slides of rock sections and other inorganic forms shown by polarized light.

After some general discussion upon the habits and possible extermination of the mosquito from the New Jersey coast, the meeting adjourned at 9 o'clock.

J. W. RIDPATH,
Secretary.

Section of Physics and Chemistry.—The Stated Meeting of the Section was held in the Hall of the Institute on November 3, 1910, at eight o'clock, with Mr. Henry F. Colvin in the Chair.

The minutes of the previous meeting were read and approved.

Mr. J. T. Baker, President of the J. T. Baker Chemical Company of Phillipsburg, N. J., delivered a lecture upon "The Theory of Problems in Chemistry."

He discussed the difficulties which arise when the attempt is made to apply on a commercial scale the results obtained by working on a small scale in the laboratory, and drew the conclusion that the chemist is best fitted to overcome these difficulties "who combines a well-balanced amount of both the scientific and the practical mind." The paper was discussed, a vote of thanks was tendered the speaker, and the paper was referred for publication.

On motion the meeting adjourned.

JOSEPH S. HEPBURN,
Secretary.

Mechanical and Engineering Section.—A meeting of the Section was held on Thursday evening, November 10, at eight o'clock. Mr. James M. Dodge, Temporary Chairman. Present: 90 members and visitors.

The minutes of the previous meeting were read and approved.