typography is excellent, and it seems unfortunate that so exemplary a work should be marred by faulty illustrations. Many of the cuts are rendered annoyingly indistinct by being unnecessarily crowded, and blurred by carelessness in their preparation or printing, or both.

In a text-book like this, intended to be studied as a whole from end to end, the absence of an index may perhaps be more readily condoned than in a book of reference, to be consulted occasionally for information on special subjects.

T.

Franklin Institute.

[*Proceedings of the stated meeting, held Wednesday, May 20, 1891.*]

HALL OF THE FRANKLIN INSTITUTE,
PHILADELPHIA, May 20, 1891.

Jos. M. WILSON, President, in the chair.

Present, 220 members and twenty-six visitors.

Additions to membership since last report, eleven.

Mr. S. Lloyd Wiegand, from the Committee on Science and the Arts, presented an abstract of the investigation and conclusions of the committee in the case of the method of manufacturing truck-wheel centres invented by Mr. Samuel M. Vaucrain, and carried on extensively at the Baldwin Locomotive Works.

Prof. Coleman Sellers, by invitation, gave an excellent description, with illustrations, of the plans of the Cataract Construction Company, for the utilization, to the extent of 120,000 horse-power, of the water-power of Niagara Falls. The speaker's remarks embraced also some account of observations upon subjects of engineering interest, made by him during a recent visit to Europe as one of the Board of Consulting Engineers, commissioned by the Company to examine and report upon the most recent methods and examples of power transmission, and as representing the United States on the International Niagara Commission and kindred subjects. (Referred for publication.)

The thanks of the meeting were voted to the speaker, with the request that he continue his remarks at the next stated meeting.

In acknowledging the action of the meeting, Prof. Sellers stated that though he might be unable to do so at the June meeting, he would take pleasure in addressing the Institute at some later date.

Mr. W. N. Jennings exhibited a second instalment of lantern views illustrative of characteristic local subjects. These were well received.

The Secretary presented a brief report. Adjourned.

WM. H. WAHL, *Secretary.*