BOOK NOTICES.

HYGIENE IN MEXICO: A STUDY OF SANITARY AND EDUCATIONAL PROBLEMS. By Alberto J. Pani, C.E. Translated by Ernest L. de Gogorza. 206 pages, and contents, 12mo. New York, G. P. Putnam's Sons. Presented by the author.

General public hygiene is rather out of the scope of this JOURNAL, but it is a subject growing more and more closely related to engineering and chemistry, and besides, American interest in Mexico is so great that it will be worth while to examine the work of one who has had a large experience in the field. Senor Pani is an officer of the Carranza government and informs us in a special note that the sole purpose of the book is "to expose one of the least known, most nefarious and shameful inheritances of the past." This refers to the oppressions of the Diaz government. The entire proceeds of the sale of the Spanish edition were donated to the People's University of Mexico, which institution is especially organized to promote education among the less cultured classes of the nation.

The work is, of course, largely statistical. It gives evidence of great neglect of hygiene among the mass of the Mexican population. His investigations lead him to the opinion, expressed on page 7, that Mexico City is the most unhealthful city in the world. Some very interesting figures of the earnings and living expenses of the laborers in the city are given. One receives seventy-five cents a day (presumably U. S. money equivalent) working every day. He supports two others—mother and wife. His food costs per week, \$3.62; clothing, washing and hair cutting, \$.94; room rent (very squalid quarters), \$.50; leaving a weekly surplus of \$.19.

The book is a valuable contribution to general hygiene. Those who desire to know something of the "Mexican problem" should consult it. The work of the translator is very well done. The English is excellent, free from Spanish idioms.

HENRY LEFFMANN.

PUBLICATIONS RECEIVED.

Traité de Mécanique Rationnelle, par Paul Appell. 4me edition, entiere-ment refondue. Tome premier, statique-dynamique du point. 619 pages, illustrations, 8vo. Paris, Gauthier-Villars et Cie, 1919. Price, 36 francs.

Ontario Bureau of Mines: Report, 1918, Sand and Gravel in Ontario, by A. Ledoux. 138 pages, illustrations, maps, 8vo. Toronto, King's Printer, 1918. Abitibi-Night Hawk Gold Area, by C. W. Knight, A. G. Burrows, P. E. Hopkins and A. L. Parsons. Larder Lake Gold Area, by P. E. Hopkins. 84 pages, illustrations, plates, maps, 8vo. Toronto, King's Printer, 1919.

U. S. Bureau of Mines: Bulletin 150, Electrodeposition of Gold and Silver from Cyanide Solutions, by S. P. Christy. 171 pages, illustrations, plates, 8vo. Washington, Government Printing Office, 1919.

University of Missouri School of Mines and Metallurgy: Bulletin, August, 1919. The Carbonization of Missouri Cannel Coals, by Howard Leroy Dunlap, assisted by Karl Kenneth Kershner and Vivian Xly Smiley. 52 pages, illustrations, 8vo. Rolla University, 1919.