

Association of the Ontario Land Surveyors. Annual report of the association and proceedings of the twentieth annual meeting held at Toronto, February 27, 28, 29, 1912. Secretary, L. V. Rorke, Toronto.

Plans for Concrete Houses. Being plans for small houses of poured concrete, as submitted in a competition for prizes given by the Blaw Steel Construction Company, Westinghouse Building, Pittsburg, Pa.

The Hetch-Hetchey Water Supply for San Francisco, 1912. Being a report by John R. Freeman, Consulting Engineer to the city of San Francisco. Board of Supervisors, San Francisco, Cal. Price, \$3.50.

Steam Boiler Explosions. By Wm. H. Boehm. Being an illustrated lecture delivered at Cornell University May 3rd, 1912. Copies may be secured from the Fidelity and Casualty Company, 92 Liberty Street, New York City.

Canada's Canal Problem and Its Solution. Being a reply to the Toronto Board of Trade. Issued by the Canadian Federated Boards of Trade and Municipalities. Secretary, A. J. Forward, Castle Building, Ottawa, Ont.

Icebergs and Their Location in Navigation. By Prof. H. T. Barnes. Being a reprint of lecture delivered before the Royal Institution of Great Britain. Copies may be secured from the author, McGill University, Montreal.

Electrolytic Purification of Sewage. By F. C. Caldwell, Professor of Electrical Engineering, Ohio State University, Columbus, Ohio; Honorary Member of Ohio Electric Light Association. Paper; 6¼ x 9¼ in.; pp. 7. Address the author.

The-Lakes-to-the-Gulf Deep Waterway. By Wm. A. Shelton. Being a study of the proposed channel, terminals, watercraft freight movement, and rail and boat rates. Paper, 75c.; cloth, \$1.00. The author, 6146 Greenwood Avenue, Chicago.

Engineering Index Annual, 1911. 530 pages; cloth; edited and published by The Engineering Magazine, 140-142 Nassau Street, New York. Price \$2.00. With this volume (the tenth) a continuous index to the engineering and technical literature of the past twenty-seven years is available.

Utilization of Peat Fuel for the Production of Power. A report by B. F. Haanel, B.Sc., chief of fuel testing division, Mines Branch, Department of Mines; being a record of experiments conducted at the fuel station at Ottawa, 1910-11. Eugene Haanel, director, Mines Branch, Department of Mines, Ottawa.

CATALOGUES RECEIVED.

Cranes, Etc. Herbert Morris, Limited, Empress Works, Canadian office 79 Peter Street, Toronto, forward very complete catalogue covering all the different types of lifting machinery made by them. Catalogue is bound in cloth; 472 pages, and is printed on a heavy mounted paper.

Stump-Pulling Machinery. A pamphlet forwarded by the Clyde Iron Works, Duluth, Minn., entitled "Cutting the Cost of Clearing Logged-off Lands." This is a catalogue of stump-pulling and land-clearing machinery placed on the market by this company. The pamphlet is most artistically printed and illustrated.

Tool Holders, Drills, Etc. Armstrong Brothers' Tool Company, 339-357 North Francisco Avenue, Chicago, Ill., who are manufacturers of tool holders, ratchet drills, drop forged wrenches, etc., forward their catalogue A-12, illustrating different types of their tools, together with a price list.

Suction Gas Plant. The British-Canadian Engineering and Supply Company, Limited, 122 Phoenix Block, Winnipeg, forward pamphlet entitled "No Power on Earth is Cheaper," being a description of the Ruston patent suction gas plant.

Tar Macadam Highways. The Barrett Manufacturing Company, of New York, Canadian agents, the Paterson Company, Limited, forward reprinted article entitled "Rhode Island's Tar Macadam Highways."

Hammer Drills. The McKiernan-Terry Drill Co., 115 Broadway, New York, forward illustrated catalogue of different types of their "Busy Bee" hammer drills.

Universal Packing. The H. W. Johns-Manville Company, forward folder descriptive of their universal packing for use on rods, plungers and pistons.

Turn-Down Lamp. The Canadian General Electric Co., Limited, Toronto, forward folder illustrating a few of the many applications of the "Economical" turn-down lamp.

Modern Welded Pipe. The National Tube Company, of Pittsburg, Pa., have recently issued a book which gives a short history of the industry and considerable information relative to modern tubular products.

Sewer Flushing and Its Cost. A book on sewer flushing and a discussion of the cost of flushing at intervals; includes a discussion on the design of flush tanks. Issued by the Hydraulics Department, Merritt & Company, Camden, N.J.

Freight and Package Handling Machinery. Being Bulletin No. 74, illustrating the different types of freight and package handling machinery manufactured by the Jeffrey Manufacturing Co., Columbus, Ohio.

Motor Locomotives. A pamphlet issued by Ironside, Son & Dyckerhoff, 40 Mincing Lane, London, E.C., illustrating their "New Century" motor locomotives for surface haulages, also railway and passenger services.

Filters. Royles, Limited, Irlam, near Manchester, England, forward a complete set of their catalogues illustrating gravel filters, air heaters, calorifiers, steam traps, valves, etc.

Hydraulic Accumulators. Catalogue No. 84, just issued by the Watson-Stillman Co., and illustrating, tabulating and fully explaining the seven principal types of accumulators which they manufacture. A few pages are devoted also to accumulator accessories and to special hydraulic testing apparatus, reservoirs, etc. 56 pages; 6 in. by 9 in. A copy may be obtained by addressing the Watson-Stillman Co., 50 Church Street, New York.

The Pedestal Pile. The MacArthur Concrete Pile & Foundation Co., of 11 Pine Street, New York City, has recently published a new edition of their book, "The Pedestal Pile." The general layout of the book is the same as that of the first edition, but it contains a number of illustrations and descriptions of work recently completed and also other additions to the text. As the book contains much valuable data on the bearing power of soils, frictional resistance, etc., besides a complete description of the Pedestal Pile and how it is constructed, it should prove of interest to every engineer and architect.

Concrete Bridges. The Universal Portland Cement Company, Chicago, has published an attractive little booklet showing illustrations of a number of different highway bridges and giving a brief description of each. This booklet is entitled "Concrete Highway Bridges."

Appliances for Burning Fuel Oil. The Tate, Jones & Company, Inc., Pittsburg, has published a booklet entitled "Appliances for Burning Fuel Oil," which discusses oil as a fuel and illustrates and describes its various types of oil burners. Pumping systems for pumping, heating and regulating the oil flow to burners are also described.