

THE NEWS.

—A saw mill is being erected at Mossy River, Dauphin District, Man.

—Geo. F. Beech is erecting a steam saw mill at Meadows, Ont.

—Jones & Finch have secured a large timber grant at Fort Steele, B.C.

—Grant & Kerr's new saw mill at Ladnor, B.C., has been completed and put in successful operation.

—Mr. William Mackay, of Ottawa, has taken square timber to Quebec for fifty-three successive years.

—Five steamers are chartered to carry white birch spool bars from Bangor, Maine, to the Scottish thread mills.

—Sequime & Powers, who operate a saw mill in Midway, B. C., have been succeeded by the Boundary Creek Lumber Co.

—Messrs. Thomson & Blakeley have purchased a planing mill property at Port Credit, Ont., and intend putting in additional machinery.

—James McLean, of Bryson, Ont., has lately added new machinery. He purposes enlarging his premises and engaging in the manufacture of furniture.

Ritchie Bros., of Aylmer, Que., will put in a band saw for next season's operations. They are cutting a quantity of dimension timber for Klock Bros.

—Geo. W. Upham, the Tobique lumberman, is erecting a saw mill at Fredericton, N. B. The machinery from his Tobique mill will be transferred to the new mill.

—As the result of a reduction of ten per cent. in wages, the employees of James Murchie & Sons, Calais, Me., recently went on strike, but have since returned to work.

—The lumber business employs more persons than all other industries in the United States. By the census of 1890, it is shown that 373,085 are receiving a livelihood from it.

—Messrs. DeCew, late of Essex Centre, Ont., have made application for 160 acres of timber property at Arrow Head, B.C., with a view of erecting a saw mill at that point.

—In the ten months ending June 30, 1897, Mexico imported lumber and timber from the United States valued at \$1,618,506, a gain of \$367,620 gold value over the previous ten months.

—The large iron smoke stack of Gillies' saw mill at Braeside, Ont., recently gave way. About thirty feet broke off at the top and fell on the platform below. A horse belonging to the firm was killed.

—A writ has been issued against Harriet Murray, as an executor of the estate of the firm of Murray & Cleveland, to recover the sum of \$739 for lumber sold to the firm by the Casselman Lumber Co., of Ottawa.

—An electric light plant has been installed in the Aberdeen Mills at Fredericton, N.B. The proprietors are well satisfied with their investment, which makes it possible for the mills to almost double their former capacity.

—The Rat Portage Lumber Co., of Rat Portage, Ont., find such a demand for their lumber, doors, sash, etc., that they are obliged to run their mills night and day. The principal demand is from the west, while the town orders and those from the district of Rainy River have exceeded those of any former season.

—Mr. Robert Ward, of the Victoria Lumber Co., Channah, B.C., has returned from England, after an absence of two years. Mr. Ward states that for the Jubilee celebration over 76,000,000 superficial feet of lumber—an amount that would represent 75 shiploads—was used for putting up the stands and seats for spectators.

—A person by the name of McAlphine, representing himself as an agent of Smith & Elger, a reputable firm of Webbwood, Ont., recently engaged about thirty men in Toronto to go to the lumber mills at that place. He exacted some \$50 from the men as commissions, but when they reached the Union Station McAlphine could not be found.

Mr. Greenway is credited with having made the statement that American lumber can be laid down at Manitoba points at \$5 or \$6 per thousand feet less than would be paid for the Canadian material of like grades

and dimensions. This statement is disputed by Mr. D. C. Cameron, of Rat Portage, a gentleman well versed in lumber matters.

CASUALTIES.

—Winfield Harrison, while rolling logs at Griffith's cheese box mills at Thornbury, Ont., accidentally fell into a vat of scalding water.

—Robert Veitch, of Clarksburg, met with an accident in Peter's lumber mill at Parry Sound which caused his death. A board, falling from the top of a lumber pile, struck him in the body.

—J. A. Hadley, of the S. Hadley Lumber Co., Chatham, Ont., was superintending the loading of some shingles, when the pile fell upon him, burying him under the heap. Fortunately he escaped without serious injury.

Two little boys, sons of Mr. Blanchard, employed in Adam & Burns' mill at Bathurst, N.B., were playing around the mill, when they got into the sawdust shoot, were carried some distance and terribly injured.

TRADE NOTES.

A shingle machine, manufactured by the Lloyd Manufacturing Co., of Kentville, N.S., was recently shipped to Huntingdon, Que.

The Waterons Engine Co., of Brantford, Ont., are installing a 40 horse power engine and boiler in the lumber and planing mills of Thomas Bros. at Jerusalem, Ont.

The new lumber mills and grounds of Messrs. D. & J. Ritchie & Co., at Newcastle, N.B., have been equipped with an electric light plant by John Starr, Son & Co., Ltd., Halifax. This installation consists of about 200 incandescent lamps of 16 and 32 c.p., and by it the output of the mill will be much increased. Messrs. Starr make a specialty of installing electric plants in lumber factories, and many of these in Nova Scotia and New Brunswick have been equipped by them.

The Dodge Wood Split Pulley Co., with works at Toronto Junction and head office and sales rooms at 74 York St., Toronto, report being quite busy and running full handed on wood pulley outfits for saw mills and power plants throughout the Dominion. The company have equipped the Montague Paper Co.'s saw mill at Lake Megantic, Que., with a full set of pulleys, including some very large sizes for heavy power. They are also supplying the pulleys for the new saw mills at Fenelon Falls and for Gillies Bros.' mill at Sand Point, and have some very large and heavy wheels in work for the electric plant at Rat Portage. The Dodge Co. patent split friction clutch is also becoming well known among the large mills and repeat orders are coming in. The company say that the large users throughout Canada are becoming more familiar with the merits of the Dodge pulley, with the result that the demand is increasing from that quarter. The Dodge Co. have issued a most complete 300 page catalogue covering their full line of power transmission specialties, which every mill man should have. It will be mailed free on application.

PUBLICATIONS.

We have received a copy of a valuable book, entitled "Credits, Collections and Their Management," which contains many department forms, and is published by the Lawyer and Credit Man, of 178 Fulton Street, New York. The author is Mr. W. H. Preston, president of the National Association of Credit Men of the United States, which fact alone is a guarantee of its usefulness. The subjects embraced by the book are treated in a very able manner, the author adding to his own experience a study of the methods and forms in use in many of the best departments of the country.

Mr. James Dollar, of San Francisco, California, at one time a resident of Ontario, has favored THE LUMBERMAN with a handsome souvenir of the timber industry of California, entitled, "The Home of the Redwood." It is published by the Redwood Lumber Manufacturers' Association, and the letter press and numerous half-tone illustrations which it contains convey to the reader a fair conception of the methods of lumbering on the Pacific coast. Testimonials of the good qualities of redwood and comparative tests of pine and redwood for paving purposes are also given.

WOOD PULP DEPARTMENT

THE MASTERMAN PULP MILL AT CHATHAM, N. B.

[COMMUNICATED.]

THE Masterman Sulphite Fibre Company's pulp mill, which has recently been sold to Mr. Albert E. Reed, of Maidstone, England, for \$185,000, is situated at Mill Cove, on the Miramichi river, opposite the town of Chatham, N. B., and comprises nine massive buildings of wood, resting on stone foundation, all covered with iron, and most substantially constructed. The store room is 100 ft. x 50 ft.; the paper room, 150 ft. x 50 ft.; the tubular boiler house and machine shop, 104 ft. x 44 ft.; the Galloway boiler house, 50 ft. x 40 ft.; the digester room, 90 ft. x 31 ft.; the wood room, 70 ft. x 50 ft.; the acid plant, 70 x 60 ft.; the sulphur burning room, 70x40 ft., and the riffler building, 100x20 ft.

In the paper room is a fine cylinder paper machine, with twenty-one dryers 36 inches in diameter, built by John Bertram & Son, Dundas, Ont., and which works beautifully. Immediately behind this machine are ten noiseless suction screens for screening the pulp, built by J. M. Ruddock, of Chatham, N.B., and behind these is a 60 h.p. Leonard Ball automatic cut-off engine, which drives the screens and paper machines, and which was built by E. Leonard & Sons, of London, Ont. Everything in this room is very handy, and when the rolls of pulp are taken off the winder they are in the store room. The foundation for another paper machine was also completed in this room.

From the paper room we pass into the machine shop and tubular house, which is a stone structure. Here is a 40 ft. gap lathe, with a 22 ft. bed, an 18 in. x 8 ft. bed lathe, a 30 in. vertical drill, and a 30 in. x 8 ft. planer. A large portion of the machinery connected with the mill was built in this shop. At the other end of this building are two tubular boilers of 110 h.p. each, which supply the steam for the paper room, wood room and acid plant, and were built by Leonard & Sons.

Next we come to the riffler building, in which the pulp ruffles over boards 6 in. high, 4 ft. wide, and 4 ft. apart, for 100 ft., there being three of these boards. These boards catch a large quantity of dirt which settles from the pulp as it flows gradually along and into the screens in the paper room. At the head of this room are two screens which catch quite a quantity of dirt from the pulp before it enters the rifflers. Below these rifflers are two stock tanks, into which the pulp is pumped from the blow tanks, and from these tanks the pulp can be used as required.

The next building is the Galloway boiler house, where the steam is generated for cooking the pulp. Here there is a large Galloway boiler of 7 ft. in diameter and 32 feet long, which carries 100 lbs. pressure, and was also built by Leonard & Sons.

From the boiler house we pass into the digester room, where the pulp is cooked. Here are three large digestors, built by Leonard & Sons, 9 ft. in diameter and 32 ft. long, built of 3/8 in.