

pine and spruce, cut from his own limits, which he ships to Quebec for the English market. He also deals largely in planed lumber.

Mr. T. Prefontaine has a very old established and extensive wholesale and retail lumbering business, located in the west end of the city. His operations exceed \$150,000 value per annum. He always has in hand a large stock of hardwood, and also owns a large door, sash and moulding factory, which he rents to, and it is being very successfully run by, Messrs. Aquire & Itzweire, who employ about 65 men.

Mr. G. A. Grier, whose offices and yards are located at 2704 Notre Dame street, does an entirely wholesale and jobbing trade: has been established 17 years, and makes a speciality of Ottawa pine lumber, of which he handles 18 to 20 millions yearly. He also sells hardwoods, but in car lots only. Mr. Grier has unusual facilities for lauding, shipping, &c., as the Lachine Canal passes through his property.

Messrs. McLaurin Bros., of 2422 Notre Dame street, although only recently established in Montreal, have had many years' experience as lumbermen in the United States, and are doing a large and increasing business, principally in pine and spruce, of which they handled some seven millions during past year.

Messrs. J. & B. Grier, of 2642 Notre Dame street, a firm of 35 years' standing, do a large wholesale and retail trade in dimension and builders' timber generally, and also in raft timber. They also deal in hardwoods, and have their own saw mills.

Mr. P. Poulin, of 469 William street, has been established 45 years, does a large trade as a wholesale and retail lumber merchant, especially in dimension and builders' timber.

Messrs. A. Hurteau & Brother, have for past 20 years carried on a very extensive and largely increasing trade as lumber merchants, at 92 Sanguinet street. They handled upwards of 12 millions during past year: shipping very largely to the United States.

In addition to the above, the following firms have a good business repute in the city of Montreal:—Messrs. E. J. Maxwell & Co., dealers in hardwoods generally, Craig street; Mr. Wm. McDonald, 63 Osborne street; Messrs. Shearer & Brown, Point St. Charles; Messrs. O. Dufresne, Jr. & Frere, 2388 Notre Dame street; Mr. James Shearer, St. Gabriel Locks; Messrs. Bourgonier & Co., St. James and Lusegnon streets; Messrs. H. Bulmer & Co., 511 Dorchester street; Messrs. Chaussee & Co., 1210 St. Catharine street; Messrs. Dupre Bros., 234 St. Catherine street; Messrs. Alex. Dupuy & Co., 840 St. Catherine street; Messrs. Thibodeau & Co., 1203 St. Catherine street, and Messrs. J. Robert & Son, 133 Papineau Road, &c.

Among several of the firms closely allied to the lumbering business which I was invited to inspect, the following call for especial notice.

The Dominion Leather Board Co. This firm which has been established several years, have their factory in Cote St. Paul, and their city offices at 5 St. Peter street. Their specialties are Leather Board, for insoles and stiffeners used by boot manufacturers; Friction Board, a commodity which has rapidly come to the front. It is a non-conductor, and does not get heated in work, and is spoken of by many prominent lumbermen and machinists as the finest anti-frictor ever produced, and does not wear too smooth to lose its grip in work. They also manufacture Asbestos millboard for steam packing, water-proofed and otherwise, which is found a very satisfactory substitute for rubber, and much less in price; and a black glazed board for hat and cap manufacturers use. Mr. Wm. Gifford is the Secy-Treas. of the company.

What the rudder is to a ship, a good axe is to the lumberman. Messrs. J. T. Moccock & Sons., of the Montreal Axe Works, have their works and offices located at Cote St. Paul, Montreal, and have been established 30 years. Here they make their widely-known and celebrated axes, adzes, edge-tools, mattocks, etc., so necessary to the lumberman. In the manufacture of above they use only the best A. F. Crown English made iron and finest tempered-steel; and the division of labor used to produce these implements is most interesting to witness. The iron being cut into pre-

scribed lengths it is then welded into the "pattern," then the "eye" or the head is formed and shaped ready to receive the steel—the better class are inserted, and the cheaper qualities overcoated—they are then tempered in salt water (the present temperer having been 20 years in the employ of this firm) then edged, ground, polished and finished, and bronzed or painted as the case may be. This firm makes axes varying from the 1½ lb. belt tomahawk specially produced for the Hudson's Bay Company for trading to the Indians on their vast territories) to the 6 lb. chopping axe; they also make broad axes, cleaver, butchers, &c. Through the courtesy of this firm, I came away the proud possessor of the finest bronzed 1½ lb. tomahawk ever thrown by the hand of a red-skin.

The firm of Fenwick & Sclater are the sole agents for the Dominion of Canada for Messrs. F. Reddaby & Co., the largest manufacturers of cotton belting in the world, and it is in universal use by lumbermen and machinists generally. They also extensively handle cotton waste and hose, belting and all classes of goods used for packing, roofing, etc. Messrs Fenwick & Sclater operate also an asbestos mine and soap stone quarries. They have been established 10 years, and have a large and increasing business.

The world-wide known, and celebrated firm of Tees & Co. are still well to the fore as manufacturers of some 200 different kinds and styles of desks, also of revolving book cases, wood carpet, parquet and inlaid floors; sole manufacturers in Canada of metallic caskets, and undertakers' supplies generally. Their order books bear the names of Royal, noble and private personages and firms from all parts of the world; including Great Britain, from whence private orders have come from the Royal family, the nobility, men of the sword, luminaries of the law and the church, and an especially flattering letter and repeat order from no less a notability than the Rev. C. H. Spurgeon; and many other prominent divines. This is highly satisfactory and a great tribute to the advancement Canada is making in the markets of the world.

One of the most interesting manufactories I had the pleasure of inspecting in this city, and also one that is closely allied to the lumbering world, was that of Messrs. Robin & Sadler, who make leather belting and lace leather, loom strapping and picker's leather and cotton and rubber belting, etc. This firm is one of the oldest established and most extensive of its kind in the Dominion and is well-known to every lumberman, as its products are in universal use by them. Mr. George W. Sadler is now the sole proprietor. I was informed that no other hide was used by this house but the finest steer hide, tanned with pure bark tan, in their own tanneries at Stanbridge, Quebec, and especially prepared for belting. The hides are then brought to the factory, which is located at 2518 to 2522 Notre Dame street. Here they are scoured, cleaned, trimmed, scraped and set by the latest and most improved machinery: dried and cut to any size or weight required for belting or other purposes, thus doing away with the old-fashioned and slow process of hand labor. As it is necessary that the leather used for belting should be of the finest and strongest nature possible, only one-half of any steer hide can be used—the butt or solid part—the remainder being sold as offal for the manufacture of boots and shoes, harness, trunks, shoulder finishings, &c. A great impetus has been given to the business of this firm the past few years by the introduction of the electric light system, not only into public buildings generally but also into all the large saw, planing and other mills, where the use of gas and oil lamps is fast becoming a "thing of the past." For this purpose it is necessary that the belting should be of the very finest and strongest. Messrs. Robin & Sadler have succeeded in meeting this want by producing their now celebrated dynamo double-ply endless belting, without rivets or lacing of any kind; thus being smooth, strong and durable. They have recently supplied the Royal Electric Light Company, of Montreal, with belting of this description, at a cost of some \$5,000, and it has given more than satisfaction. Messrs. Robin & Sadler are also the sole

proprietors and manufacturers of "Waterproof Belting," having a vat specially constructed for this purpose. They have always a heavy stock in hand of all their manufactures for the immediate convenience of their customers. In addition to their works at Montreal, they have a branch house at 129 Bay street, Toronto, where they also carry a large stock of belting up to 16 in. single, heavy double, and light double so that orders can be filled at a moments notice.

The Royal Electric Lighting Company, of Montreal whose head offices are in Wellington street, are very busy just now. Mr. Hager, their Secy-Treas. and manager informs me that they have enough work in hand for several months to come. The lumbermen who have already this light in operation look upon all other lights as things of the past; and advise all others to give it a trial.

The "Acme" Coffee and Spice Mills. Whilst rambling among the lumber yards in the vicinity of the Lachine Canal Basins and viewing the water power facilities which this canal gives to the saw, planing and other mills, I was invited to inspect the Coffee and Spice mills of C. A. Liffiton & Co. which are located here, and as among other things they grind Cinnamon and Cassia, which are both barks of the same tree, "they are in a way lumbermen," so I give them a "Rambling Note." It is a most uniquely-appointed and compact mill and well deserves its name—"Acme" I was particularly struck with the simplicity but effectiveness of some of the machinery, especially their Cyclone pulverizer, the only one in Canada, which grinds with lightning-like speed their spices, barks, berries, etc., into the finest powder. Their patent Coffee Stoner and Elevator, worked by exhaust air, with which their Coffees, from the finest Arabian Mocho, Old Government Java, and the stronger Brazilians are roasted, cooled and stoned, is well worth seeing. They also grind and manufacture baking powders, mustards, peppers linseeds, nutmegs and every conceivable kind of spices and condiments. Messrs. Liffiton & Co., are also importers, dealers and agents in Canada for Mac Urquhart's London celebrated Worcestershire Sauce; George Whybrow's of London, England, sauces, pickles and popular relish, and Linton, Hubbard & Co.'s, also of London, English, Dessicated Cocoanut, etc.; and do a very extensive trade throughout the Dominion. Their head office is at 196 St. James street, Montreal.

VANCOUVER, B. C.

Vancouver is the principal lumbering point in British Columbia. It has five saw and planing mills, with others in process of construction, which aggregate a product exceeding 173,000,000 feet, and which employ 1,500 men. All the plants are equipped with every modern device in the line of machinery that is calculated to advance and perfect this gigantic industry to its fullest and best extent. The development of its lumber industry both locally and in its rapidly extending export trade with England and with all the eastern hemisphere, will in the near future assume proportions exceeding any other single revenue of the province.

The report of the Minister of Crown Lands recently issued, states that there are 25 saw mills in the Province, with a daily capacity in the aggregate of 170,000 or about 275,000,000 per annum. The acreage of timber leases held from the Provincial Government amounts to 135,053 acres, and on Crown Lands, 10,930,400; timber leasehold, 9,429,565, private property, 3,342,352; total 31,878,384; royalty collected, \$12,575.59; rebate on timber exported, \$3,051.48.

The largest plant in operation at Vancouver is owned by the Royal City Planing Mills Company, who also have a plant at New Westminster. They recently purchased the Hastings Saw Mill Company's plant, and to-day show an annual manufacturing capacity of 60,000,000 feet of lumber, employ 500 men, or about one-third of the entire service represented in this industrial interest at Vancouver. Leamy & Kyle are doing a prosperous business, and have a capacity of 1,000,000 feet a month, or 12,000,000 feet a year. They employ 125 men and export large quantities of rough and dressed lumber, sash, doors, lath, flooring, house timbers and house finishing wood work generally.