

THE NEWS.

—Mr. James McLean, of Bryson, Que., is erecting a large sawmill at Fort Coulonge.

—Mr. Wm. Beatty, planing mill, Harriston, Ont., has been succeeded by Mr. J.E. Merriam.

—Mr. J. C. Shields, of Ashcroft, has selected a site at Kamloops, B.C., for a sawmill, and will commence work at once.

—Mr. H. H. Drake, of Red Deer, N.W.T., is moving to Innisfail, where he will establish a sawmill and lumber yard.

—Messrs. Donald Fraser & Son, of Fredericton, N.B., have completed a new sawmill at Calhoun, on Lake Temiscouata.

—The new Hastings sawmill at Vancouver, B.C., started up last month, having been rebuilt in a most substantial manner.

—Mr. Arthur P. May, timber merchant, of Vancouver, B.C., has made the first importation of Australian hardwood into that province.

The Canadian Pacific Lumber Co., of Port Moody, B.C., have established yards at Vancouver, under the management of Mr. J. McLellan.

—Mr. Josiah Watson has purchased the Coleman sawmill and stove factory at Seaford, Ont., and is having the establishment thoroughly overhauled.

—On Saturday, July 19th, the employees of the James Robertson Manufacturing Co., of Toronto, enjoyed their annual excursion to St. Catharines.

—The Wm. Tyler Lumber Company, of Vancouver, B.C., are making extensive alterations and improvements to their mill, including the building of dry kilns.

—Mr. John A. Christie, late manager of the Assiniboine Lumber Co., of Brandon, Man., has gone to British Columbia, with the intention of taking up his residence there.

—The sawmill of R. & W. Conroy, at Deschenes Mills, Que., which was destroyed by fire on July 7th, was valued at about \$125,000, the capacity being 175,000 feet per day.

—The Roxton Novelty Chair Company, of Roxton Falls, Que., has been incorporated, to manufacture furniture, chairs, etc. Wilfred Wood, of Roxton Falls, is interested.

Messrs. J. W. Shannon & Co., of Prince Albert, N.W.T., have put in a saw and planing mill plant on timber limits secured by them 20 miles north on the Saskatchewan river.

—The sawmill of the Rathbun Company at Tweed, Ont., closed down for the season recently, having cut 47,000 railroad ties, 135,000 feet of lumber, and 475 cords of slab-wood.

—The Brunette Sawmill Co., of New Westminster, B.C., are about to increase the capacity of their mill and build a planing mill and dry kilns. Mr. Lewis is manager of this company.

—The sawmills and yards of McLaren & McLaren at East Templeton, Que., are now lighted by electricity, a 500 light plant having been installed by Gariock & Goddard, of Ottawa.

It is reported that the extension of the Atlantic & Lake Superior Railway to Gaspé Basin, Que., is to be entered upon immediately. The road will pass through immense spruce forests, which will thus be opened up.

The United States Consul General at Montreal, in a recent report on the forests of Canada, estimates the area under timber in the Dominion at one and one-quarter million square miles, or over 37 per cent. of the total area.

—Statistics show that Canada imported from the Southern States during the six months ending June 30th, 1899, 628,000 feet of sawn timber, 9,022 cubic feet of hewn timber, 12,000 feet of boards, and manufacturers of lumber to the value of \$6,736.

Mr. J. G. Scott, manager of the Pacific Coast Lumber Co., New Westminster, B.C., reports a very satisfactory trade in red cedar lumber and shingles for the first seven months of this year. The shipments have exceeded those for the whole of last year.

Work is being rushed on the calcium carbide factory now adjoining the mill of the Bronson-Western Lumber Company at Ottawa. The main factory will be built entirely of stone and steel, and will be five stories high, its dimensions being 276 x 70 feet. The entire plant will cost

\$225,000, and it is expected that it will be in operation by the first of the year. The works will run day and night and will give employment to over one hundred men.

The Sturgeon River Improvement Co. is the title of a new concern, consisting of J. R. Booth, Wm. Anderson, C. J. Booth, J. F. Booth, Ottawa, R. Booth, Pembroke, A. A. Young, Cache Bay, and A. G. Browning, North Bay. The capital is \$18,000.

—Mr. J. R. Eaton, of Orillia, Ont., has completed a large addition to his mill, increasing its capacity by about one-third. Several new machines have been added and an additional dry kiln erected. He has commenced the manufacture of doors for export.

—As already announced, the Rat Portage Lumber Co. have in view the erection of a large sawmill at Winnipeg. Should the South Eastern railway be completed to Rainy River this year, the erection of the proposed mill will be commenced immediately, otherwise it will be delayed until next year.

—Messrs. A. L. & D. G. Mackay, loggers, of New Westminster, B.C., are managing a logging camp at Tipella, at the head of Harrison Lake. They report that there are excellent limits back of Tipella. So far the timber has been rather inaccessible, but the trail has enabled the loggers to get out about 5,000,000 feet.

—An exchange states that Mr. J. H. Veno, a mill man of extensive experience, is negotiating to obtain possession of several hundred acres of cedar timber limits lying about two and one-half miles from the Fraser river, in British Columbia, and accessible by a trail to shipping. Mr. Veno is understood to have an option on the property.

—Mr. D. C. Cameron, manager of the Rat Portage Lumber Co., states that they have been delayed in opening their yard at Brandon, Man., owing to their mills being crowded with orders. The scarcity of men has been a great drawback, and a short time ago a representative of the company went to Montreal to engage one hundred men.

—Mr. D. Mann, of the firm of Mackenzie & Mann, Canadian railway contractors and promoters, recently sailed from Vancouver for the Orient. It is said that the firm have been offered contracts for building two lines of railway in China, one from Shanghai to Nankin, a distance of 250 miles, and the other from Hankoo to Shanghai, some 600 miles.

—Mr. David Richards has just completed a fine sawmill at Richardville, N.B. The main building is 150 x 35 feet, equipped with gang and rotary, re-saw and edger, manufactured by Carrier, Laine & Co., of Levis, Que. In the wing of the building, 65 x 30 feet, are situated three shingle machines, a clapboard machine and planer. The engine house is built of solid brick, with galvanized iron roof. The capacity of the mill is 55,000 feet of lumber per day.

PERSONAL.

The death is announced of Mr. C. W. Crawford, sawmill owner, of Westfield, N.B.

Mr. John McLean, of the firm of McLean & Son, sawmillers, Wingham, Ont., recently had the misfortune to break one of his legs.

The sympathy of many friends has been extended during the past month to Mr. Geo. Niebergall, the well known lumberman, of Staples, Ont., upon the death of his wife.

The Department of Crown Lands at Toronto was recently advised of the death of Mr. John Crowe, a wood ranger in the Rat Portage district, who was drowned in the Mimikon river.

Mr. R. E. Gosnell, who for years was Provincial Librarian for British Columbia, and who about two years ago compiled a valuable work entitled "The Year Book of British Columbia," has entered the ranks of journalism, having purchased the Greenwood, B. C., Miner. Mr. Gosnell is an able writer, and we predict for him a high degree of success in his new field.

The Dominion Government has established a Bureau of Forestry in connection with the Department of Interior. Mr. E. Stewart, of Collingwood, has been appointed chief inspector. Mr. Stewart is a land surveyor, and while engaged in the practice of his profession gave much attention to the various woods of this country. He is said to possess a knowledge of forestry which well fits him for his present position.

TRADE NOTES.

Messrs. Baldwin, Tuthill & Bolton, of Grand Rapids, Mich., are sending to their friends and customers a circular enumerating a number of causes for the cracking and breaking of saws, and calling attention to their 100 page manual on saw-fitting. Every saw-filer should have a copy of this manual.

The Victoria Lumber & Manufacturing company, of Chemainus, B.C., have just given to the Wm. Hamilton Manufacturing Co., through their Vancouver agency, the contract for the machinery to complete their mill to make it a double header. This was the original intention when the mill was built, but in the past only one end has been operated. Now Mr. Palmer, the energetic manager of the company, has decided to increase the output by fitting up the balance of the mill. The work is expected to be completed by December.

CUTTING UP BOX STOCK.

THE process of cutting up stock involves the nicety of judgment which can only come from a natural talent developed by more or less experience. In one factory which I lately visited, the head of the cutting-up department had been with the concern for twenty-five years, and for a large portion of that time in his present position. Some of his men had been with him nearly as long, and every one in his department had been educated under his eye. It is really astonishing what results can be produced by the right man at the cutting-up saw, in the way of economy of stock; and, on the other hand, it is astonishing how much loss can be made in the same place, with no one in the shop really able to point out just exactly how it can be avoided. The man at the cutting-up bench can knock off a large amount of profit without any one but a thoroughly practical man in his line being able to tell how he does it.

In some shops, one man cuts up nothing but stock for one kind of boxes at a time, and only a part of the stock for one box, at that, say, for instance, the sides, top and bottom, or those parts which are all of one length. This involves more or less extra handling of a certain amount of the stock, for it is not possible ordinarily for a board to be all cut into one length of stock without waste, unless the board is sound enough so that the whole length can be used. Therefore, when a man cuts only one length, in order to save material, he must pass a part of his board to another cutter, who cuts something of a different length, shorter or longer.

In one factory which I lately visited, where there were a large number of cutting-up saws in operation at once, each man cut several different lengths, cutting for several sizes of boxes at the same time. Even then it occasionally occurred that he could not use all the board economically. In such cases, the piece was carried automatically to another cutter, whom he knew could use it to advantage, or at least a part of it, and he, in turn, if necessary, could pass the rest along to another cutter. I honestly believe that the greatest chance for a leak in the making of a box is right here, at the cutting-up benches, and that a good many box makers do not realize it, because they are not themselves experts in that particular branch.

There is where the sawing of waste in material should be made, more than at any other stage in the making of a box, and the amount of refuse that the really first-class cutter will leave in a day in one of the large factories is really remarkably small. Of course, this results, to a large degree, from the fact that in a large shop he has so many different sizes to cut to. For instance, I was in a shop, not long since, where they were making simultaneously, seven different sizes of boxes, for one packing house at the Chicago stock yards, and this did not include a number of different sizes of boxes for canned goods, which they were making for the same concern. The seven sizes of boxes were all coarse, cheap things for bulk meats, cured in different ways, including boxes for shipping cooked hams and cooked corn beef, not in cans, but in the whole piece, to retail dealers in the city and country within a reasonable distance. Taking note, afterwards, I saw several of these boxes at a railway station, waiting for the express train. They were not made with tight joints on the sides, bottom or top, but with solid ends. They were little better than an extra tight crate, with a hand hole near the top of each end for handlers to carry them by. Each box contained a certain number of real hams or "picnic" hams, or pieces of