

OTTAWA EXPORTS.

OTTAWA, Dec. 3.—The following official returns show the quantity and value of the exports of lumber during the year, and it will be seen by them that the value is somewhat in excess of the previous year, notwithstanding that the quantity shipped is less. This is owing, of course, to the increased price obtained for the lumber shipped this season.

Quantity.	Value.
Hop poles.....	None. \$ 375
Ships' knees.....	621 358
Laths, Palings and Pickets, M.....	9,760 2,430
Plank Boards and Joists, ft.....	5,000,000 50,015
Shingles, M.....	35 61
Sugar Box Shooks.....	22,764 7,751
	\$97,570

Quantity.	Value.
Hop poles.....	None. \$ 223
Knees.....	391 267
Laths, Palings and Pickets, M.....	8,671 9,057
Plank Boards and Joists, ft.....	49,109,000 587,818
Sleepers and R. Ties.....	35,730 9,375
Match Blocks, eds.....	497 2,333
	\$914,583

Quantity.	Value.
Plank Boards and Joists, ft.....	69,181,000 \$802,270
Match Blocks, eds.....	209 838
Sugar Box Shooks.....	30,500 111,110
Sleepers and R. Ties.....	407,085 8,139
Laths, Palings and Pickets, M.....	9,773 8,139
Knees.....	237 60
	\$923,464

Quantity.	Value.
Planks, Boards and Joists, ft.....	19,077,000 \$249,445
All other.....	5,405
	\$255,150

Quantity.	Value.
Planks, Boards and Joists, ft.....	15,207,000 \$201,364
All other.....	7,002
	\$208,366

Total value of exports of lumber from Ottawa from January 1st to November 30th, 1881, inclusive.....	\$2,069,169
Total value of exports of lumber from Ottawa from January 1st to November 30th, 1880, inclusive.....	\$1,981,557
In case for 1881.....	\$87,002

The exact quantity of the cut by mills in this vicinity during the season cannot well be ascertained. Most of the mill owners are now busy taking stock in order to give an estimate of their cut, but most of them are as yet unable to give even approximate figures. In nearly all cases, however, the cut will be found to be less than that of last year, owing to the scarcity of logs, caused by the lowness of the water in the Ottawa. Of the above, Eddy's mill cut 50,000,000 feet, Booth's 30,000,000, Sherman, Lord & Co., 12,000,000, McLane & Co. 25,000,000, McClymont & Co. 15,000,000.

MIRAMICHI SHIPMENTS.

Two hundred and eighty-four lumber laden vessels cleared from Miramichi ports, having an aggregate tonnage of 176,150 tons; 142 from Chatham, and exactly the same number from Newcastle. The shipments from Chatham consisted of 62,892,000 feet deals, etc., 7,371,440 palings and 1,087 tons timber; the shipments from Newcastle, 59,772,000 feet deals, etc., 6,599,000 feet boards and scantling, 539,009 palings and laths, and 975 tons timber. The shippers from Miramichi were:—Wm. Muirhead, 19 vessels, 10,757 tons, 10,329,000 feet deals, and 81,200 palings; Guy, Bevan & Co., 53 vessels, 26,029 tons, 21,752,000 feet deals, 2,130,000 palings; J. B. Snowball, 53 vessels, 26,381 tons, 23,370,000 feet deals, 106,140 palings, 827 tons timber; A. Morrison, 17 vessels, 8,207 tons, 7,111,000 feet deals, 50,500 palings, 260 tons timber. The shippers from Newcastle were:—R. A. & J. Stewart, 90 vessels, 52,101 tons, 33,714,000 feet deals, 5,732,000 feet boards and scantlings, 235,000 palings, 459 tons timber; Geo. McLeod, 21 vessels, 12,044 tons, 11,166,000 feet deals, 319,000 feet boards, etc., 96,000 palings; D. & J. Ritchie & Co., 16 vessels, 6,526 tons, 6,482,000 feet deals, etc., 351,000 feet boards, 30,000 palings, 416 tons lumber; Geo. Birchall & Sons, 6 vessels, 5,205 tons, 2,410,000 feet deals, etc., 167,000 feet boards, 248,000 palings. The Messrs. Stewart, it will be seen, are by far the largest shippers from the Miramichi this year, and Newcastle has fairly forged ahead an increase of about 7,600,000 feet in shipments, and Chatham a decrease of over 30,000,000 feet. —Moncton, N.B., Times.

ON THE SAGINAW.

The lumber season of 1881 is now fairly closed on the Saginaw river, and after a careful review of the same it may fairly be put down as one of the most successful for all concerned which has ever been known in the history of the business from its inception to the present time. Every one of the vast number of manufacturers on the river since the commencement of operations in the spring has been uninterruptedly engaged, and a respectable number among them have been employed day and night, necessitating a double force of employees; and the result has been of the most satisfactory character to all concerned. The mills which have been employed on stock belonging to their owners have probably returned as great dividends on the capital invested as was ever known in the history of the mill business, while those which have been cutting stock for parties other than their owners, may also be credited with the most gratifying results. The prices for lumber realized at the opening of the season by the manufacturers were exceedingly satisfactory, and not only have they been steadily maintained throughout the season, but as the same progressed prices stiffened, and finally advanced perceptibly toward the close.

Notwithstanding the great activity of the mills on the river, and the enormous sales and shipments during the season, the demand has kept steady pace with the supply, thereby sustaining the buoyancy continually apparent, and finally culminating in a still healthier and more satisfactory condition, when navigation ceased, the result of which has been a slight advance on stock purchased within the past ten days for next spring's delivery. —Lumberman's Gazette.

A NEW MOTOR.

A locomotive is being built at the Grant Locomotive Works, Paterson, N.J., which will burn neither wood nor coal. The fuel will be water, which is decomposed in "association with carbon, forming readily combustible gases, of which hydrogen is the chief." The method of decomposing water at a low temperature, invented by Dr. Charles Holland, was first used as a motor in a common coal-burning locomotive on Long Island a year ago. It is now used practically in heaters and in illuminating houses. The water vapour is dissociated into its elements, oxygen and hydrogen, in the presence of the carbon of naphtha gas at a temperature of 400 deg. c. As the hydrogen burns with a heat of nearly 8,000 deg. c., a gain is effected of 18 20 of the whole heat. The engine of course is constructed very differently from the common engine. What may be termed the "gas grate," consisting of four retorts, three feeder pipes and 352 burners, occupies the place of the grate and lower part of the fire box in an ordinary locomotive. The gas passes from the retorts to the feeders, and thence to the burners, and burns with a colorless and almost invisible light. The heat of 8,000 deg. c. is greater than any heat known, except that of electric light. The use of this fuel does away with smoke, cinders and sparks. It requires but little "firing up," as the touch of a lighted match is all that is necessary. The trial of this engine will be made soon after it is completed and tested. It is said that a railroad company has offered \$1,000,000 for the right to use this process, provided that this engine will draw a train of four Pullman cars from New York to Chicago and return on schedule time.

LIKE A TREE.

A man is very like a tree,
For instance, crooked limbs has he,
He has a trunk; he grows somehow,
And when he leaves he makes a bough.
He can be cut; will often lean,
Is always sappy when he's green.
He is aboard when on the sea,
And oft a-shaving, too, is he.
When he is frightened quite a lot,
Like trees, he's rooted to the spot.
If he is axed too much he'll lie,
And often will, like trees, get "high."
He has his lumber in the night:
Is sadly warped, and feels the blight,
He "chips" for stakes, the ough he should not,
And has his chops, sometimes a lot.
He gets "deadwood" on him. Is word.
Is knotty when he should be good.
And when he dies he's sure to learn,
That he, like trees, has got to burn.

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CONSUMPTION

is not incurable, if properly attended to.—Consumption attacks commencement, is but a slight irritation of the membrane which covers the lungs; then an inflammation which the cough is more observable, but rather dry, the cough becomes looser and the expectoration frequent, the cheeks flushed and the pulse more common. This Elixir cures the above complaints, operates so as to remove all morbid irritations and inflammation from the lungs to the surface, and finally expel them from the system. It facilitates expectoration,

IT HEALS THE ULCERATED SURFACES and relieves the cough and makes the breathing easy. It supports the strength and at the same time reduces the fever. It is free from strong opiate and astringent particles, which would so drying a nature as to be in great danger of destroying the patient; whereas this medicine never dries or stops the cough, but by removing the cause, generally destroys the hectic fever, the cough is entirely gone. Consequently, with a few coughs cured the patient's well. Send address for pamphlet giving full directions for cure of pulmonary diseases. Price 25 cents, and \$1 per bottle. Sold everywhere.
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