

NEW ENGLAND SPRUCE.

There are but few of the lumber manufactur-ers in the West who have more than a vague idea of the spruce business, as it is carried on in the provinces and the eastern states...

The lumber used in the construction of a building in the eastern states, is totally different from that used in any other locality. To the Pennsylvania man there is no wood for framing purposes equal to Hemlock...

The most extensive spruce forests are in Maine and most of the lumber cut in that state is shipped by water to the various distributing points. The mills in New Hampshire and Vermont supply the interior points and deliver necessarily by rail...

Some idea of the spruce business of the Boston market can be obtained from the returns to the inspector general's office for the first three months of the present year. During that time there was inspected 848,294 feet of spruce boards...

From present reports there is every prospect of a scarcity of spruce logs at the mills. The season so far has been unusually dry; very little rain has fallen and the melting of the snow upon the mountains has caused the streams to rise but slightly...

"She tried her pretence hand on man, And then she formed the lesson, O!" "What is woman's worth?" asked a fair damsel of a crusty old bachelor...

SOLID AND INSERTED TOOTH SAWS.

I have read with considerable interest the letters in the Saw Mill Gazette, concerning the fitting and running of circular saws. There are nearly as many different views on these questions as there men. This I have learned in my travels among nearly all the lumber sections of the United States...

Without meaning to disparage inserted tooth saws, I am satisfied that the greatest hindrance to their ability to do as much work as solid saws, is the wearing off of the edges of the gullets of inserted teeth...

Some of your writers seem to think that the gauge of a saw does not matter, as the tension must be put in with the hammer, no matter what the gauge. That is all true, but there is no getting around the fact, that the more steel in a saw, the more stiffness, and when backed up by sufficient power, the more ability to stand a heavy feed.

One word for the saw manufacturers. I think they require, and have indeed shown, more Christian forbearance than any other class of men. I will admit that have some preference among the different saws, but after using nearly every make, I can say that while from the best of makers I have had some saws that did not exactly suit, I have never yet had to condemn a saw because it would not make good lumber.

Utilizing Sawdust.

If sawdust can be used as fuel successfully—and it is done every day in saw-mills in the United States and Canada—there should be but little difficulty in using slack or pulverized coal on steamships. A patent has been secured by an Italian engineer which may work nothing short of a revolution in the steam coal trade.

The box factories of Oswego, N. Y., are cutting up nearly 300,000 feet of lumber a day.

A NEW MATCH MACHINE.

Two Troy men have invented a machine which, it is claimed, will practically revolutionize match making. It has been operated to make 24,000 perfect matches in a minute, and its capacity is expected to reach 15,000,000 in ten hours.

BOARD OF TRADE RETURNS.

The following are the returns issued by the Board of Trade, for the month of May 1885, compared; and also for the 5 months ending May, 1884 and 1885, compared:

Table with 3 columns: Timber (Heewn), Quantity, Value. Rows include Russia, Sweden and Norway, Germany, United States, British India, British North America, Other Countries, Total.

Table with 3 columns: Timber (Sawn or Split, Planed or Dressed), Quantity, Value. Rows include Russia, Sweden and Norway, British North America, Other Countries, Total.

Table with 3 columns: Staves, (all sizes), Quantity, Value. Rows include Mahogany (tons), Total of Heewn and Sawn.

Table with 3 columns: Timber (Heewn), Quantity, Value. Rows include Russia, Sweden and Norway, Germany, United States, British India, British North America, Other Countries, Total.

Table with 3 columns: Staves, (all sizes), Quantity, Value. Rows include Mahogany (tons), Total of Heewn and Sawn.

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BAND SAWS.

The Chatham Manufacturing Company have just completed and successfully started, a band saw mill for sawing large short logs. A band saw is simply an endless belt of very superior steel, one edge of which is serrated.

The band saw machinery for this mill was built and supplied by Messrs. Sinker, Davis & Co., of Indianapolis, Ind., and to all appearances is perfect, and is very massive, weighing about 25,000 lbs. This mill will saw a stick of timber, five feet square, or side up or saw a log six feet in diameter.

We heartily congratulate Mr. Van Allen, the president and manager, on the success of this new departure in saw mills, introduced at his instance for the first time in Canada. If he who makes two blades of grass grow where only one grew before, is public benefactor, certainly Mr. Van Allen is entitled to that appellation.

Advice to Mothers.

Are you disturbed at night and broken of your rest by a sick child suffering and crying with pain and cutting teeth? If so, send at once and get a bottle of Mrs. Winslow's Soothing Syrup for children teething.

LIVERPOOL STOCKS.

We take from the Timber Trades Journal the following Comparative Table showing Stock of Timber and Deals in Liverpool on June 1st 1884 and 1885, and also the Consumption for the month of May 1884 and 1885:-

Large table with 4 columns: Stock, June 1st 1885, Stock, June 1st 1884, Consumption for the month of May 1885, Consumption for the month of May 1884. Rows list various timber types like Quebec Square Pine, Wany Board, St. John Pine, etc.