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 International Medal, Centennial Ex.....Philadelphia, 1876



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81 Colborne Street, Toronto**TREES FOR THE STREETS.**

At the Montgomery, Ohio, Horticultural society, a late discussion turned on the varieties of trees most suitable for planting in the streets, and in the monthly report was the following:—"The trees which were particularly recommended were the American and the European linden, the Norway, silver and sugar maples, elms, horse-chestnut, and the hardy catalpa. The silver maple and white elm had been found to make a quick growth on strong soils. The most common error in street planting was in placing the trees too near together, often even less than a rod apart, when they should never be nearer than three rods apart. When thus crowded they were drawn up and distorted in form, and could not develop their full luxuriance. Mr. Steele quoted a letter from Charles Downing, in which he said: "This city (Newburg) has the same fault as Dayton—trees 15 to 20 feet apart—unsightly when grown, and keeping the street wet and muddy after each rain storm. Maples should be 50 to 60 feet apart, and elms 70 to 80. There is one street in this city where elms are 70 feet apart on each side of the street, and yet the branches touch each other. Some of our readers will remember the wide streets in New Haven, Conn., where the long lines of American elm meet over the centre of the street and suggest the arch-work and tracery of a gothic cathedral, the resemblance to the interior of which is quite striking."

DESTRUCTION OF TREES IN SCOTLAND.

The indignation of the people of Ayrshire when they heard that Baron Lyndon was about to cut down the Hacton woods, was mild in comparison with the rage and grief with which the news of the sale of Lord Huntley's famous Glen Tanar woods has been received in Aberdeenshire. There are considerably over 100,000 trees in these woods, and they are reported to have been sold to a Glasgow firm of timber merchants. Their destruction will considerably interfere with the "amenities" of Glen Tanar deer forest, which is let to Cunliffe-Brooks, M. P. Scotland can ill-afford to lose any more trees at present, for several places have been well-nigh devastated by last winter's gales. At Tynningham and Dunse Castle, the destruction has been prodigious, and at Luss, Sir James Colquhoun's place on the shores of Loch Lomond, some 6,000 trees fell. The Queen will find that her "policies" at Balmoral have lost some of their greatest ornaments and nearly 2,000 trees have been blown down in Her Majesty's forest at Balmoral. The havoc produced in Mar forest is almost incredible, especially on the north side of the Dee, where the oldest trees were; indeed, the scenery of the river has been pretty well destroyed, and there has been a heavy fall in Invercauld Forest.

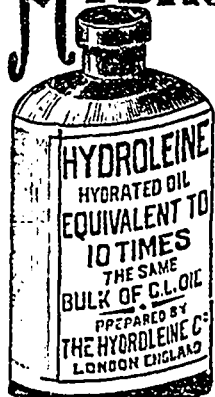
The Quebec Chronicle says that the two barges *Parad*, Capt. Francois Desmarais, and *Alice*, Capt. Joseph Paul, both laden with lumber for the United States, while on their way up the St. Lawrence, under sail, struck the wreck of the steamer *Uttara* near Cap la Rouge, at 2 a.m. on the 11th of May. The captains state that there was no light on the wreck at the time of the accident, and they arrived in Quebec and made their protests. The two barges have become waterlogged.

CHARCOAL.

Mr. J. A. Mathieu, of Detroit, reports to the *Northwestern Lumberman* that the mill men are showing some interest in the manufacture of charcoal, a subject in which Mr. Mathieu is interested. He will soon erect sixteen retorts at Luther, Lake County, Mich., where the slabs of the mill of Waterman, Paney & Co. will be reduced to coal. A cord of pine slabs makes sixty bushels of charcoal, that is worth at least 6 cents per bushel at point of shipment, and as the slabs can be put through the retorts at as small expense as they can be consumed in a saw-mill hell, it is plain that there is a saving worth mentioning. The *Lumberman* has had a claim on file for years that there is too much needless waste of wood in this country, and it considers it a matter of public interest when a method or process is discovered whereby this wood, which has been burned in order to get it out of the way, can be utilized. The more charcoal there is, the better iron our furnaces will turn out, and if, in connection with this important fact, the refuse of the mills is a source of considerable profit to the mill men, it takes no arguments to show the value of charcoal manufacture. Mr. Mathieu is also erecting retorts at Portland, Oregon.

Sawdust Fuel.

George F. Brott, of Louisiana, and Platt B. Walker, of Minneapolis, have undertaken to solve the sawdust problem by means of a process for utilizing sawdust as a portable fuel, for which they have secured a patent. The process consists simply in mixing the sawdust with peat, the latter forming a cohesive paste, which when dry, results in a solid compound, that cannot be easily fractured, and can be as easily transported as wood or coal. Mr. Brott is now superintending the construction at Philadelphia of the necessary machinery for the purpose.

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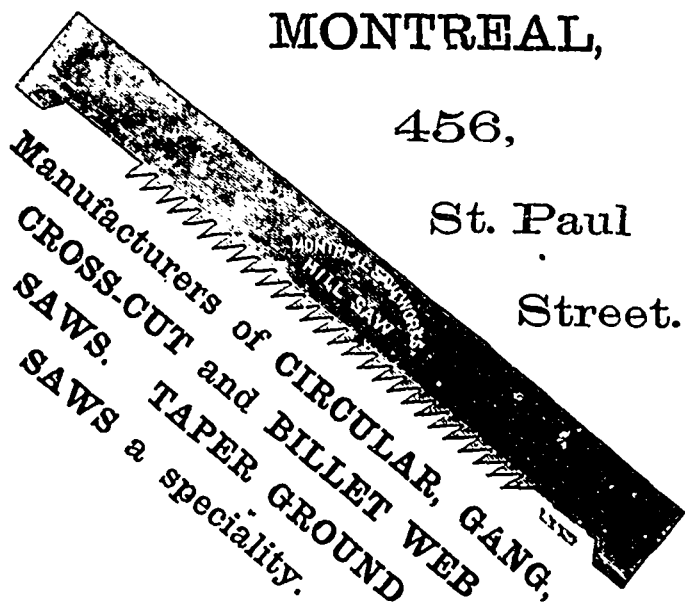
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