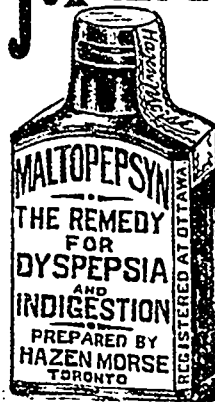


HOW TO MANAGE THE MISSISSIPPI.

The distinguished German engineer and traveller, named Chevalier Ernst Von Hesse Wartegg, has been making extraordinary suggestions about the Mississippi river inundations. He says that levees on the Mississippi river will be money thrown away, and that the \$100,000,000 already spent in that way has been totally ineffective. He says the way to make the Mississippi behave is to help it in the effort it is making to shorten itself toward the Gulf. In 1721 the distance from Cairo to New Orleans was 1,216 miles, and to-day it is 240 miles less than that, or only 974 miles. He says Red River ought to be drawn off from the Mississippi, and allowed to run to the gulf through the Calcasieu river, which would be only 80 miles, instead of 500 miles it has to pass through to the Mississippi. Both the Ohio and the Red river are a barrier to the rapid current of the Mississippi. The Wachita ought to be connected with the Atchafalaya, and let off to the Gulf that way, instead of embarrassing the Mississippi. The Mississippi itself ought to be connected with Lake Borgne, as proposed by Captain Cowden, which would draw off one-tenth of the whole body of water. He says that the River Po, in Italy, which has magnificent levees, is regularly inundated, and that the tendency of these levees is to raise the bed of the river by depositions in it; so that the Po, the Mississippi and many other streams with artificial banks really run on a high ridge of land, from which they inevitably overflow the surrounding country. He says levees from Cairo to New Orleans would cost \$100,000,000, and would meet with the same fate as the others, and that artificial means cannot keep the tremendous river within bounds, and the only way to do it is to aid nature to find the straightest way to the gulf.—*Northwestern Lumberman.*

The Canadian supply of hemlock bids fair to become an interesting question in the States. The oak forests supplying American tanneries are principally in Tennessee, Kentucky, and in Northern Alabama and Georgia. Large quantities are also imported from Canada. Forty or fifty years ago all the hemlock tanbark used there was taken from the forests in central and northern New York. The supply there has been exhausted, and the raw material is now sought for further west. This tree does not perpetuate itself, as does the oak, and the destruction of a tree represents an absolute curtailment of the available supply. If the plan to compress and export oak tanbark proves successful, it is highly probable that the inroads which will be made upon the southern oak forests will reopen the question of their ability to reproduce fast enough to hold their own against the demands of commerce.

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Two doses (30 grains) of Maltopepsyn will digest the entire white of a hard boiled egg in a bottle of water, in from 3 to 4 hours. How much more will it digest in the stomach assisted by that organ? About twenty times the quantity.

Test this for yourselves,—it is an interesting and useful experiment.

Get from your druggist ten drops of Hydrochloric Acid in a four ounce bottle, fill bottle half full of tepid water (distilled water is best, though soft water will do), then add the finely cut white of a hard boiled egg, then add two doses (30 grains) of Maltopepsyn and shake bottle thoroughly every 15 or 20 minutes, keep the bottle warm, as near the temperature of the body (98° Fahrenheit) as possible, and in 3 to 4 hours the egg will be entirely dissolved or digested.

Maltopepsyn is endorsed by the leading Physicians and Chemists throughout the Dominion of Canada.

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The parties tendering must name, in addition to the lump sum they are prepared to give for the telegraph line, the maximum rate of charges for the transmission of messages to the public.

F. BRAUN,
Secretary

Dept. of Railway: Ottawa, 18th Feb., 1882.

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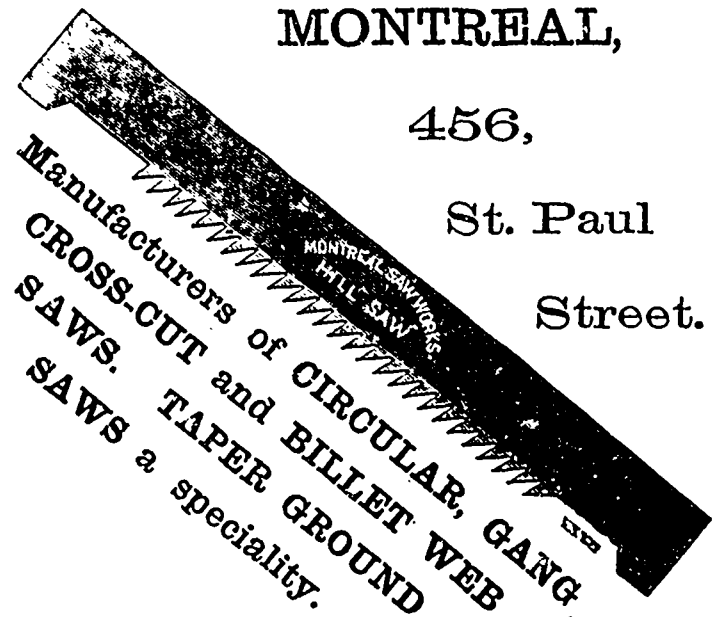
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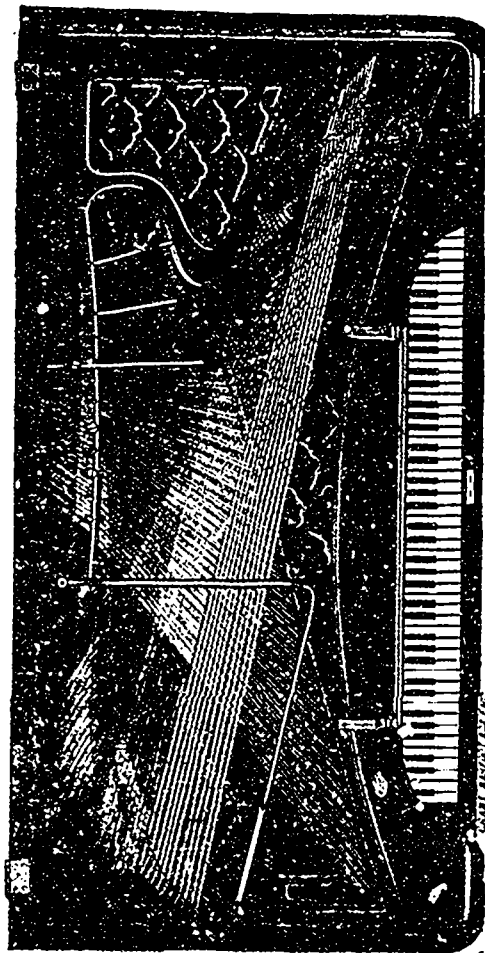
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