

Whatever were the original sources from which their supply of water was derived, and which are now cut off, it can be readily believed that, as the country through which the rivers and their tributaries ran became prairie, the volume of water flowing into the rivers would gradually lessen, and that this forms an important reason why they are reduced to their present low level. Were the country wooded instead of prairie, these two rivers would be navigable at all times in summer throughout almost their entire course.

Reverting to tree-planting, it is proper, before closing this paper, to mention that to make it a success, it will be necessary not merely to select trees of hardy species, but to see that the individual trees planted are from parent stock grown in this northern climate. Young trees from, for instance, Ohio or Illinois stock, even of species naturally of a high northern range, will not prove as hardy and successful in every way in Manitoba, as trees of the same species taken from stock grown in Manitoba or in northern Ontario. Such is the gradual effect of climate on generations of a species grown successively in the same place.

MONTREAL, 1884.