

Another arm extends nearly due west which we surveyed about four miles in that direction, at the end of which distance the valley seemed to open southward in bays and morasses.

The country around here is low and swampy and generally covered with black spruce and tamarac. There are no stones and the water is so muddy that even the fish can hardly see through it.

These waters are alive with fish; in going up and down the river my Indians killed several large pike and doré with their paddles; they did not appear to see us or move until touched by the canoe or paddles, and then they jumped clean out of the water as if trying to see what was the matter.

Along the lower part of the river there are some most inviting flats of clay land covered with large poplar and bouleau.

A little over two miles below the mouth of this river, another good sized stream comes in from the west. We followed it up a couple of miles to where it forked into two nearly equal sized branches, and finding these too much encumbered with fallen timber and the water being rather low for canoeing we desisted.

Returning to the discharge of the lake on the main river, a fierce rolling rapid runs off in a nearly straight line due north-west, giving twenty feet fall in a distance of  $2\frac{1}{2}$  miles.

Below this, the river spreads out to over half a mile in width, for a mile and a half still north-westward, and thence becomes contracted again for about a mile on a due north course, to where it forks around a large island, the eastern channel broadening out to over half a mile in width.

The country on either side is level or gently rolling clay land timbered chiefly with black spruce and tamarac.

Below the island the river rolls rapidly north-westward for five miles falling ten feet in said distance and then flows placidly three miles on a due westerly course.

At the end of the latter distance, a good sized stream falls in from the south; and the main river turning due north receives three other fair sized creeks on the west side in a distance of two miles.

At the end of the latter distance the entire river passes through a narrow gorge not a hundred yards in width. The fall here is ten feet,